

Thos^d Brown

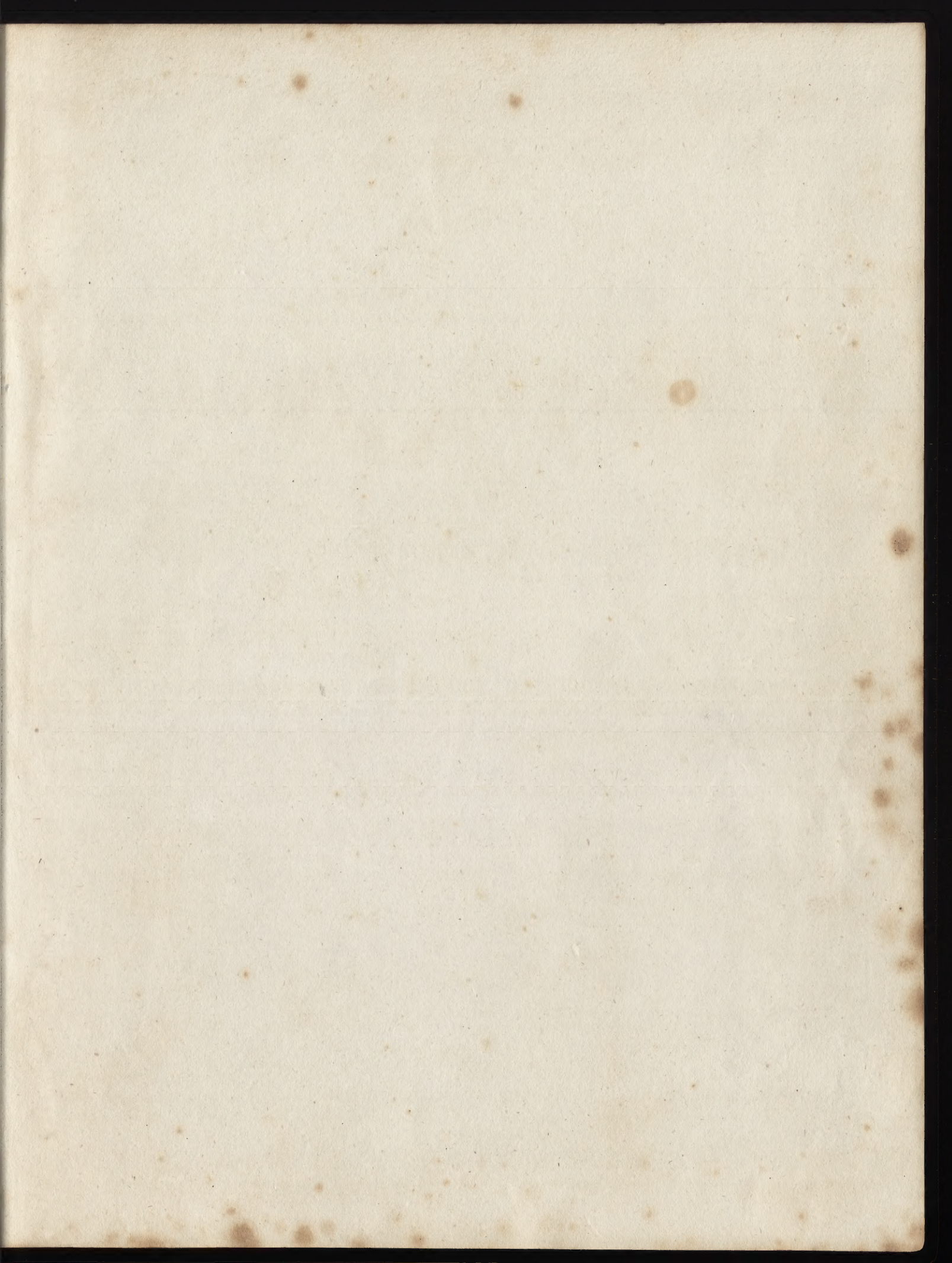
The gift of his Father

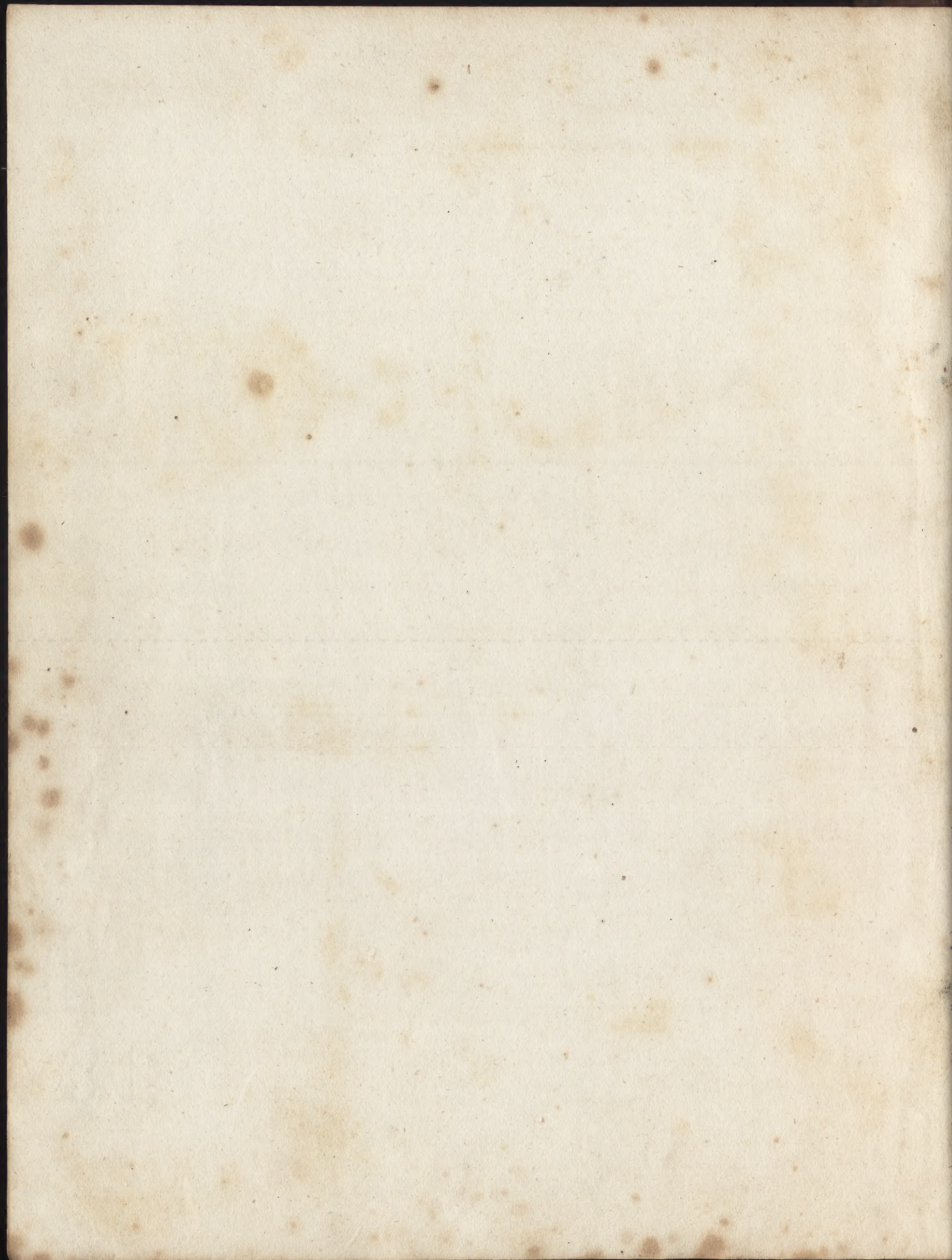
18 January 1846

on his return to America

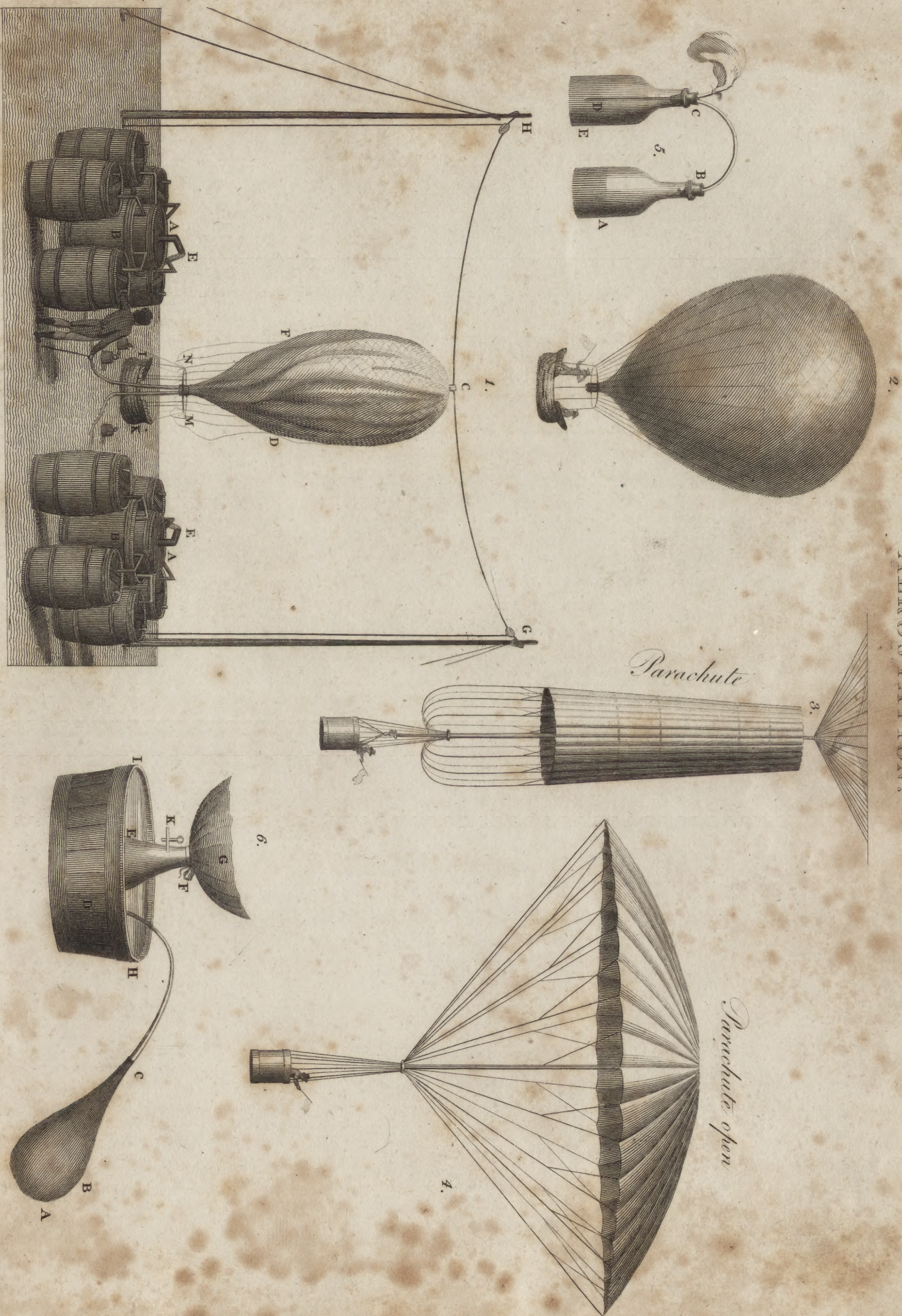
—

Dear Mother
 I have just received
 your letter of the 10th
 and was glad to hear
 from you. I am well
 and hope this finds
 you the same. I am
 ever your affectionate
 son
 John





AEROSTATION.



NATURAL HISTORY.



Vespa domestica



Acarus reduricus



Acarus tinctorius



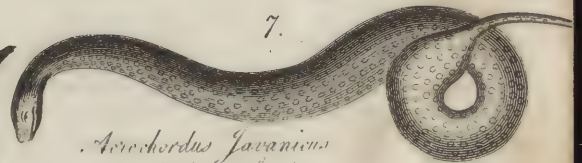
Leipenser hase
Great Herring



Leipenser Ruthenus



Leipenser Murio
Common Herring



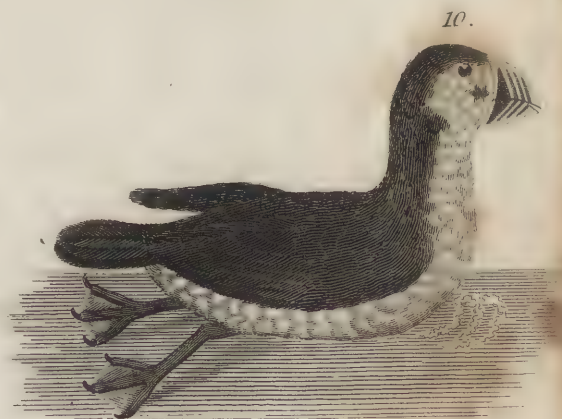
Arochordus Javanicus
Warty Snake



Alcedo des
Ternate Kingfisher



Alcedo sacra
Sacred Kingfisher



Alca arctica
Puffin



Alcyonium digitatum
Deadmans Hand



Aloe vulgaris



Alarnus pectoratus

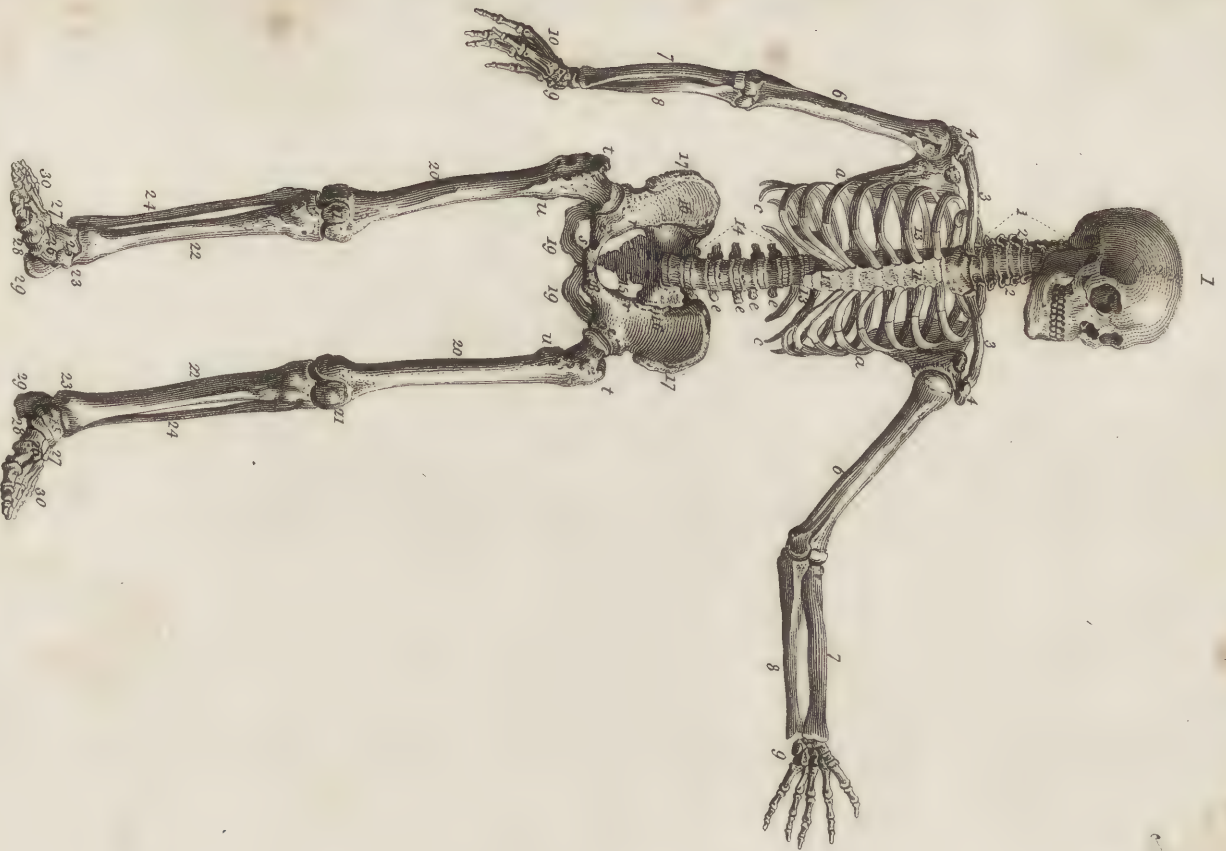


Amphispiza Cayana
Purple-breasted Chat



ANATOMY.

Medicine.



ANATOMY.

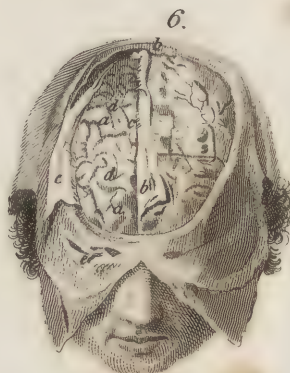
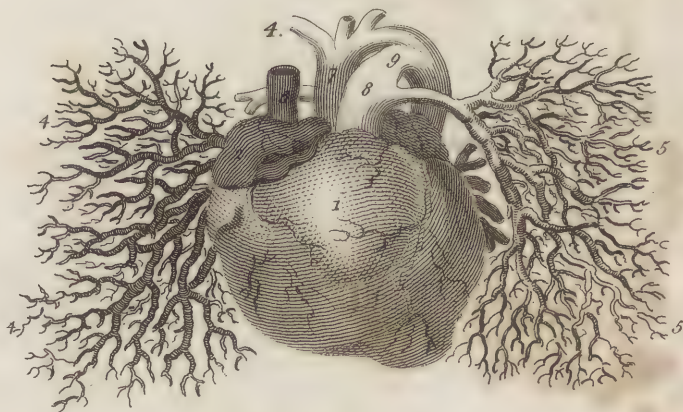
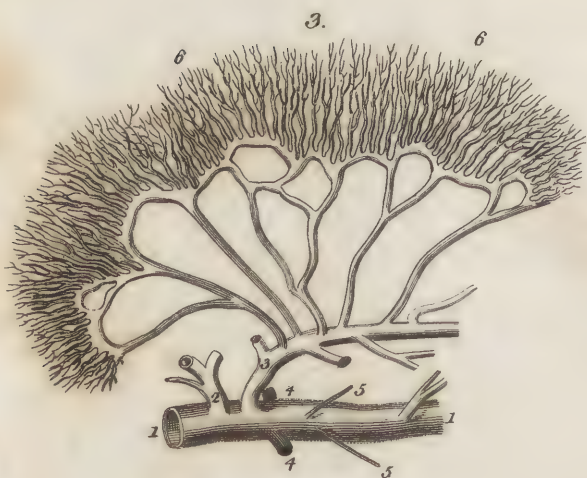
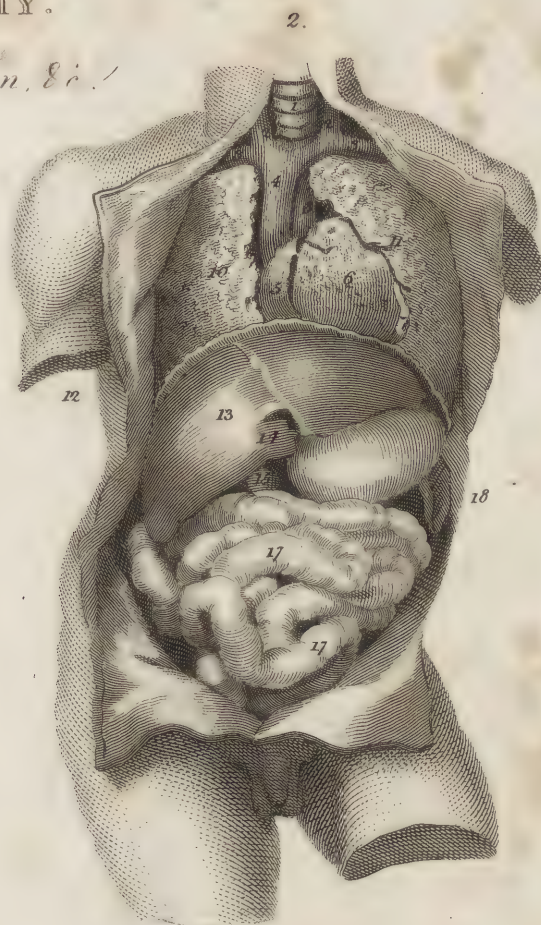
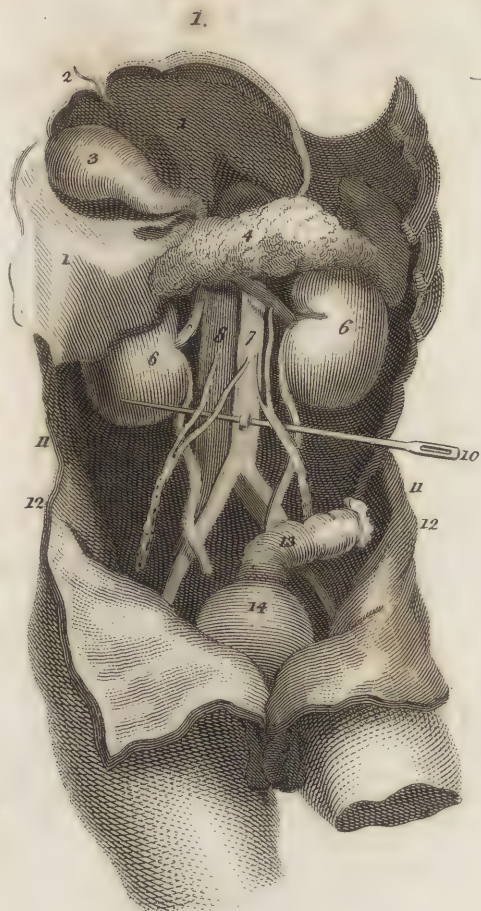
Muscles.





ANATOMY.

- Viscera, Brain, &c. -





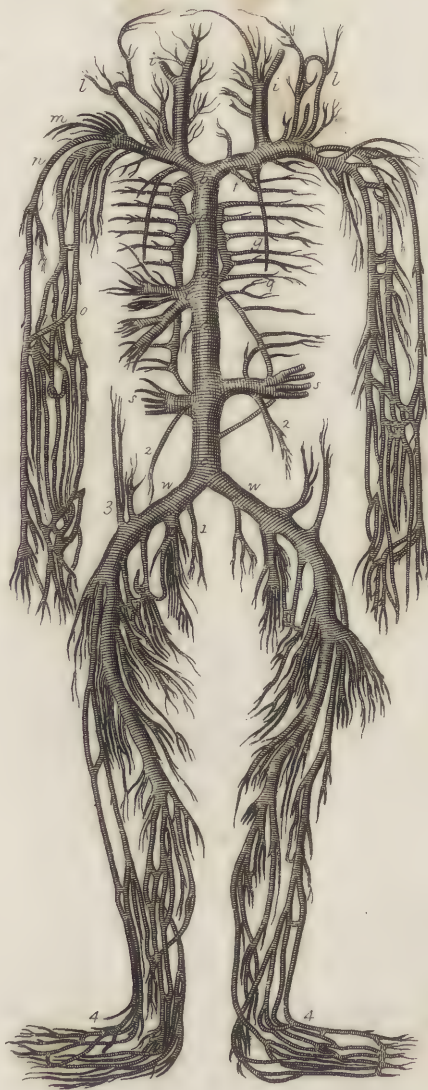
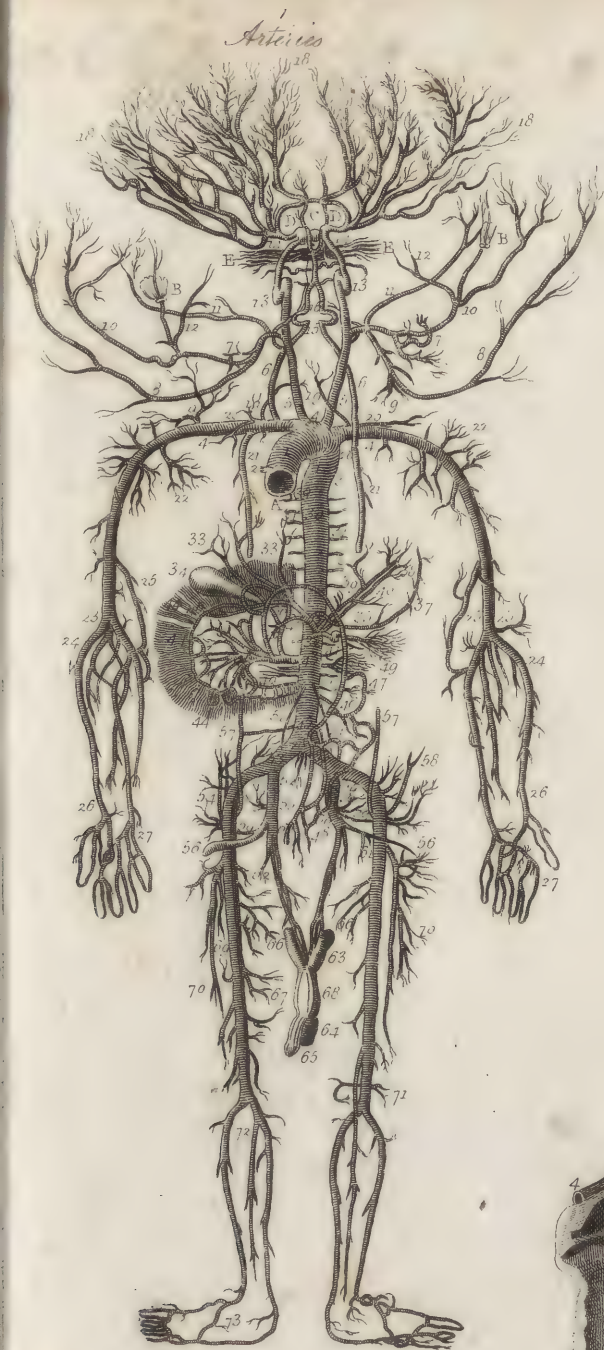
ANATOMY.

Arteries

Veins

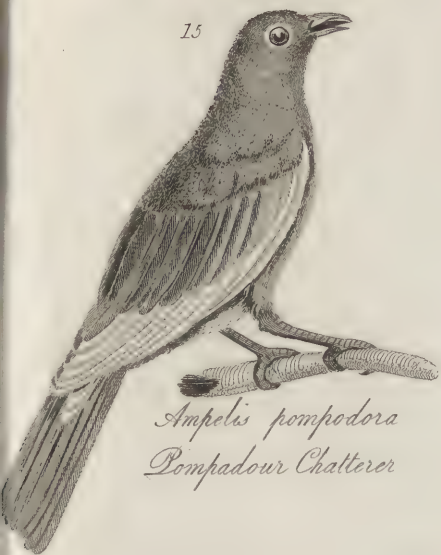
Popliteal

Absorbents



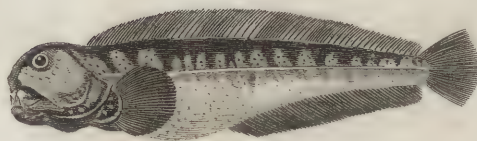
NATURAL HISTORY.

15



Ampelis pompodora
Pompadour Chatterer

16



Anarkichas minor
Lefser Wolf Fish

17



Anacardium occidentale
Cashew-nut

18



Anas galericulata
Chinese Duck

19



Anas nigra
Black Duck

20



Anguis fragilis
Blind Worm

21



Anomia terebratula

22



Antelope picta

23



Rupicapra antelope

24



Antipathes myriophylla

25



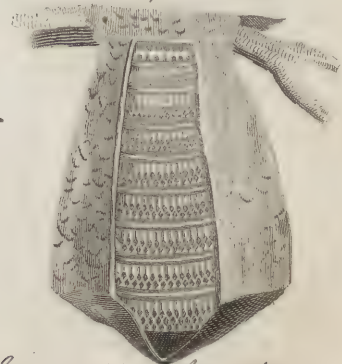
Apis hirsuta

26



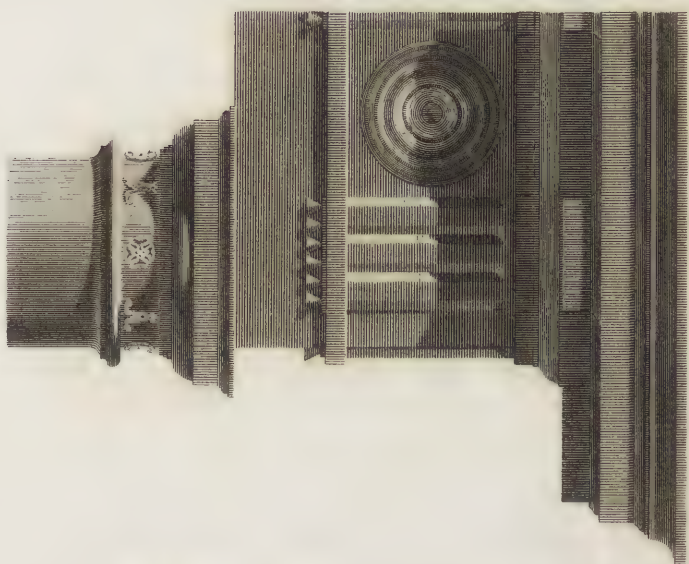
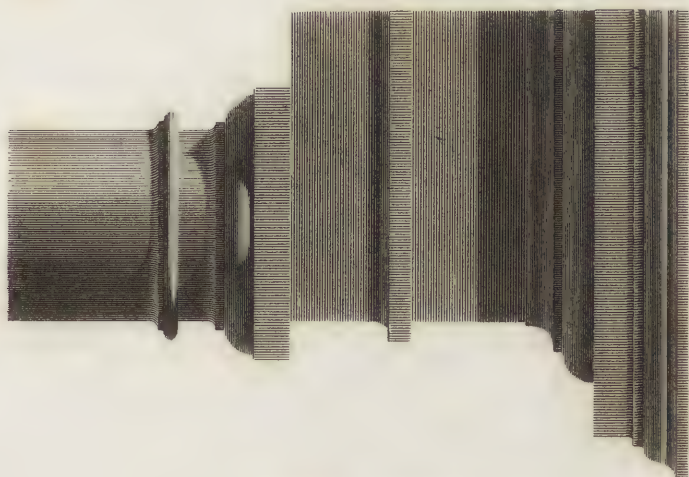
Apis nidulans, with a section of its hive

27





Section



Projections
General Heights
Heights

The image contains two architectural drawings of a column and its entablature. The top drawing is an elevation of the column, showing the base, shaft, capital, and entablature. The bottom drawing is a section of the column, showing the internal structure of the capital and shaft. Dimensions are given in feet and inches.

Column Elevation:

- Base:** A simple rectangular base.
- Shaft:** A cylindrical shaft with a diameter of 30 feet.
- Capital:** A composite capital with a diameter of 30 feet.
- Entablature:** A composite entablature with a total height of 45 feet.

Column Section:

- Capital:** A section of the capital showing the internal structure of the volutes and the shaft.
- Shaft:** A section of the shaft showing the internal structure of the column.

Dimensions:

- Column Diameter:** 30 feet
- Capital Diameter:** 30 feet
- Entablature Height:** 45 feet
- Capital Height:** 10 feet
- Shaft Height:** 30 feet

Entablature

l'ornice

Project^s

Heights

Crinice

Podestal

Base

Pado

1 Dram " 3 6 minutes

50 minutes

Capital

Facia of *Streptococcus*

Quinn

	Clenia
--	--------

10

erleichte
Juli 1870

0220

Abundant. Scarce. Abundant.

[illegible]

and Hebron
Lanna

Carroll

Richard

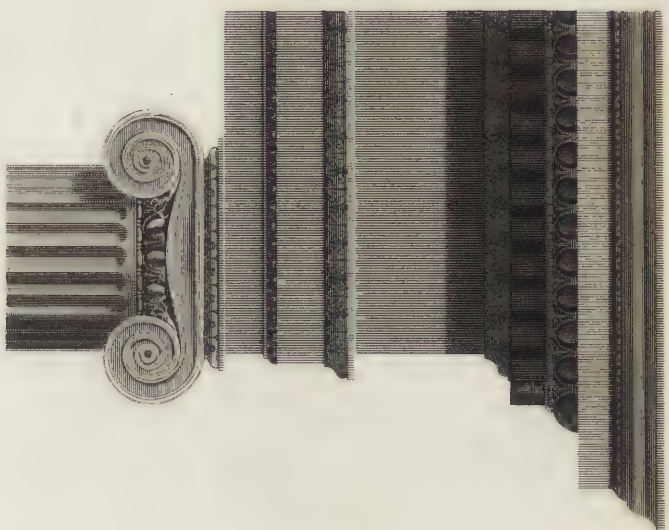
100

Height of the Column. 7 Diameters
Width of the Capital. 2 Diameters & $\frac{3}{4}$

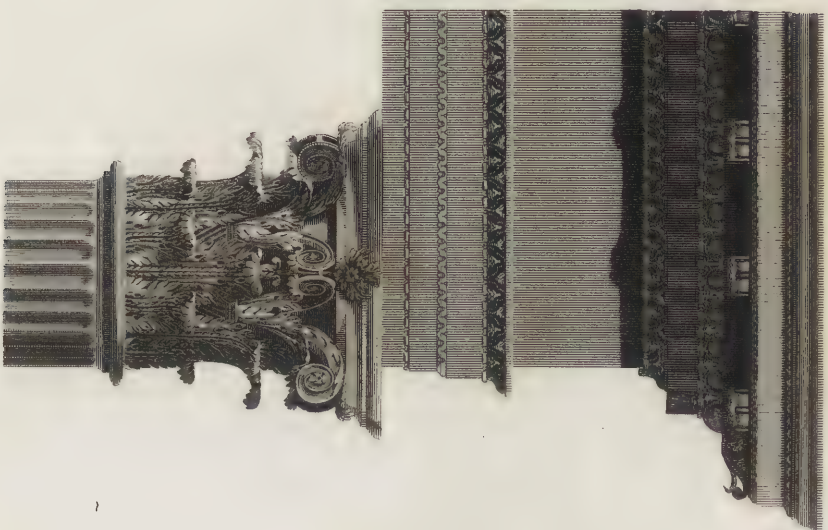
Height of column ... 8 Diam.
Circumference ... 2 Diam.

ARCHITECTURE

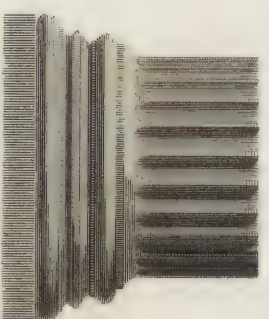
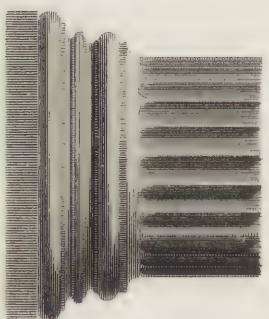
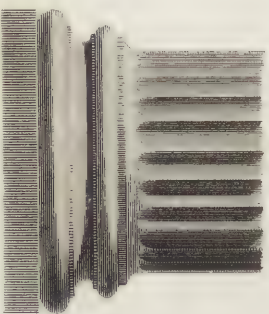
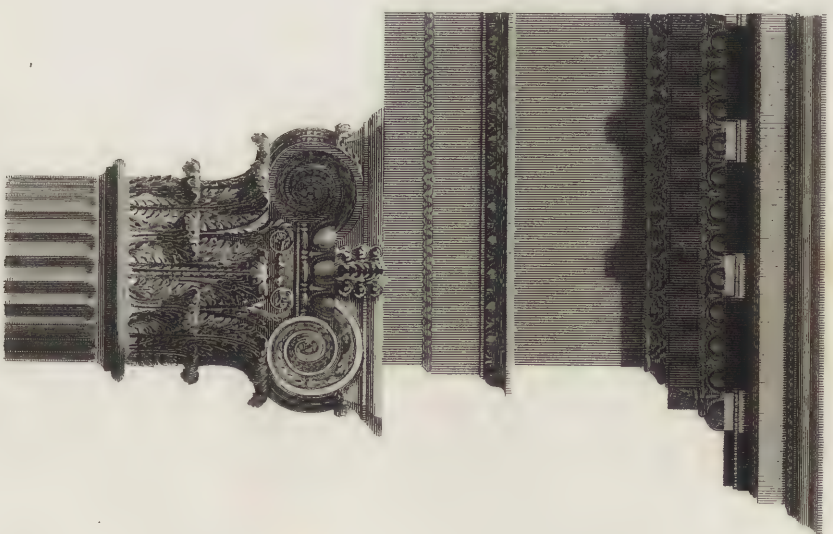
Ionic



Corinthian



Composite



Height of Column 9 Diam.
Entablature 2 Ditto.

Column 10 Diam.
Entablature 2 Ditto.

Column 10 Diam.
Entablature 2 Ditto.



NATURAL HISTORY

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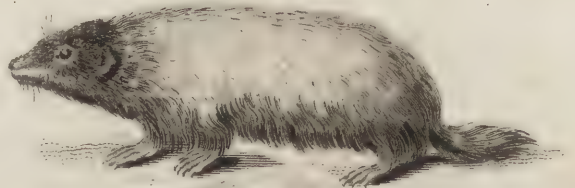
Apis socialis

29



Apis violacea

32



Arctomys bobac

Arctomys Marmot
Alpine Marmot

33



34

Ardea pavonina
Crowned Heron



35

Ardea virgo
Numidian Crane



36

Acra oleracea



31

Aranea tarantula



30

Aranea domestica



39

Argonauta argo



40

Ascidia papillosa



37



Pinus arborescens

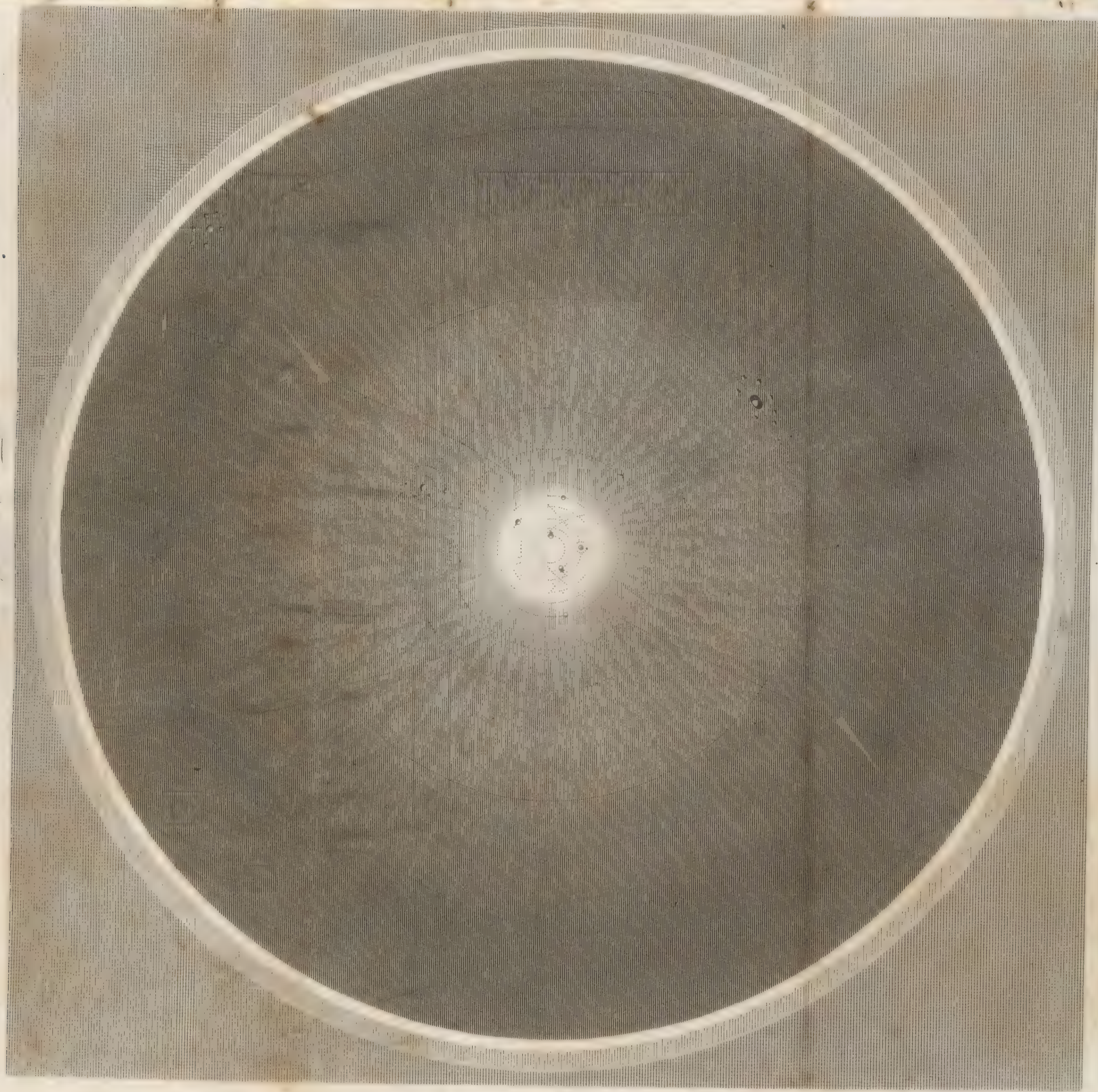
38

Argentina Carolina
Carolina Argentina



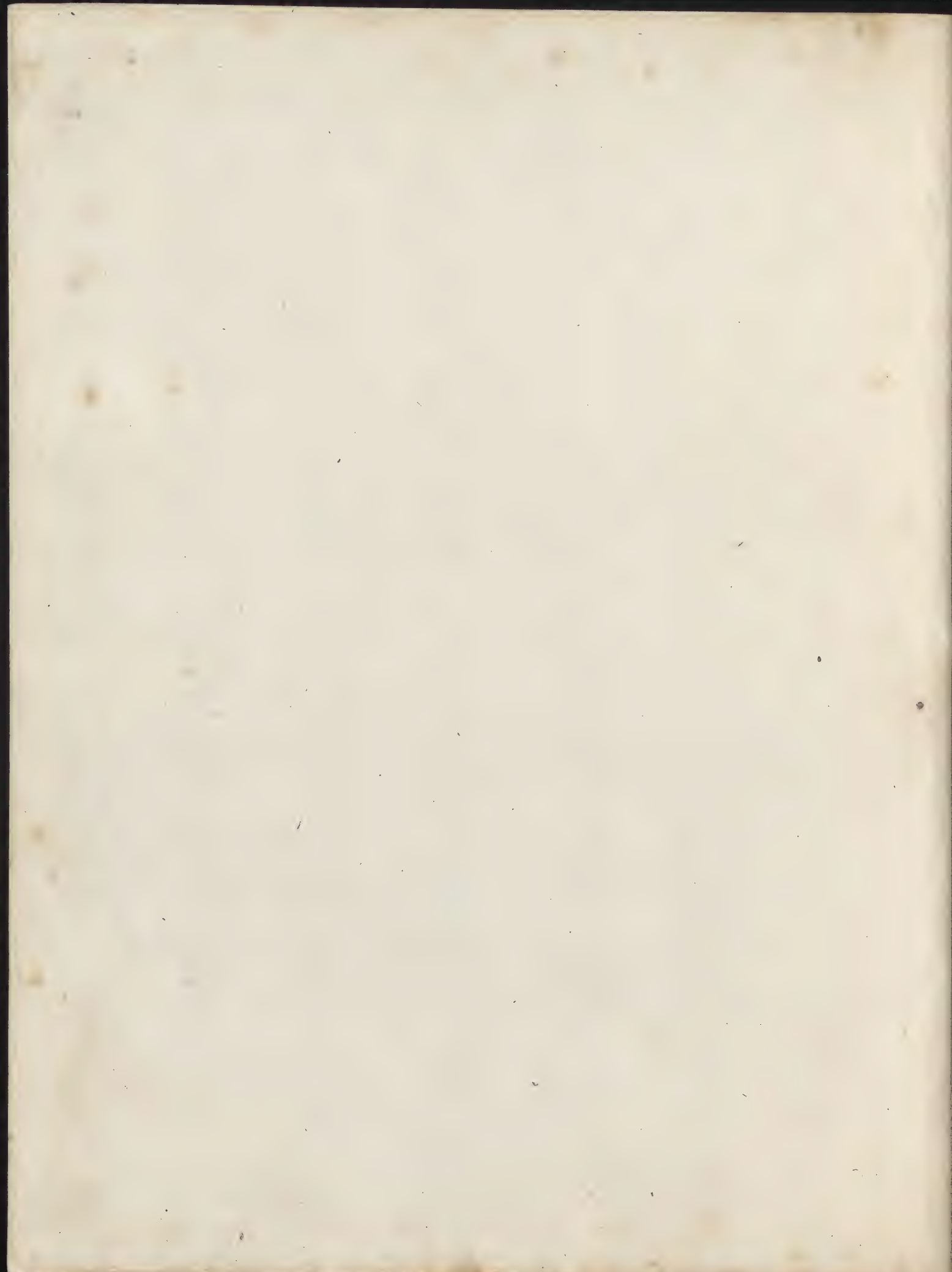
Heath sc





ASTRONOMY.

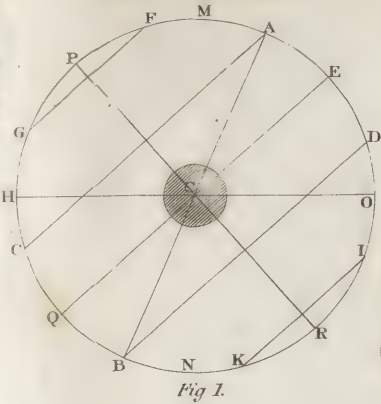
The Solar System.



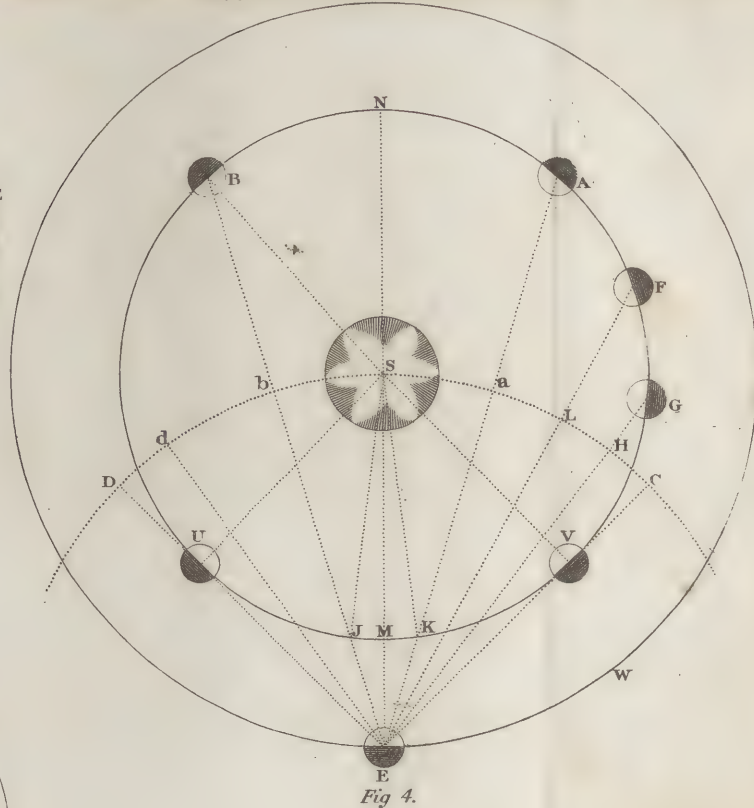
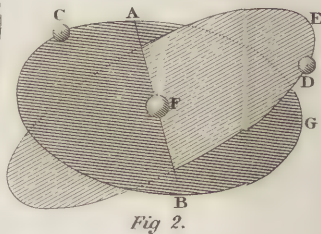
ASTRONOMY.

Apparent motions of the Planets.

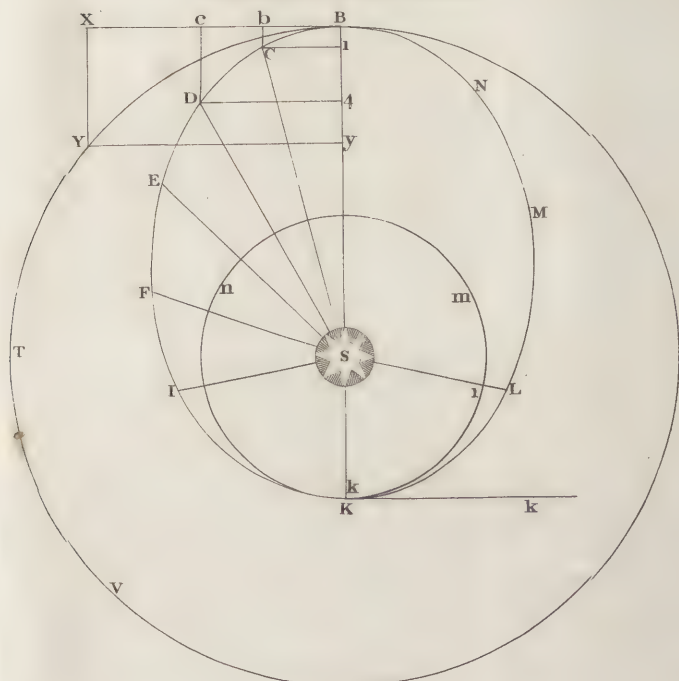
Circles on the Sphere.



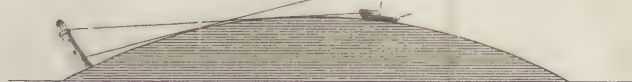
The Nodes.



Gravitation of the Planets.



Sphericity of the Earth.



Phases of the Moon.

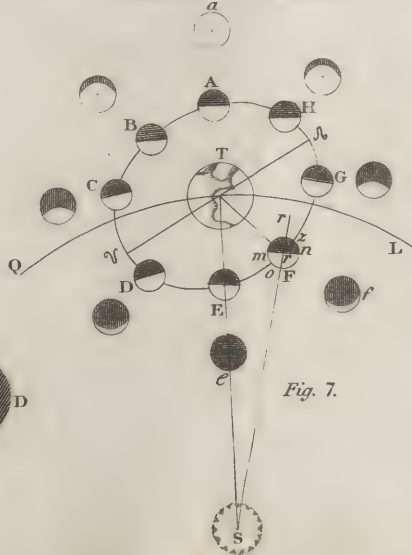
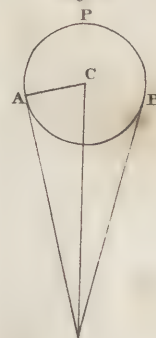


Fig. 8.



Seasons.





ASTRONOMY.

Fig. 9.

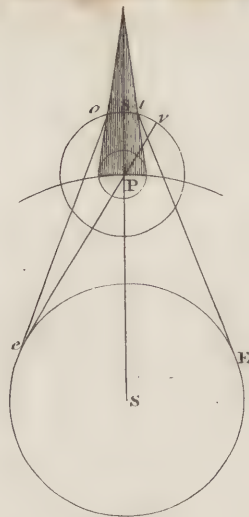
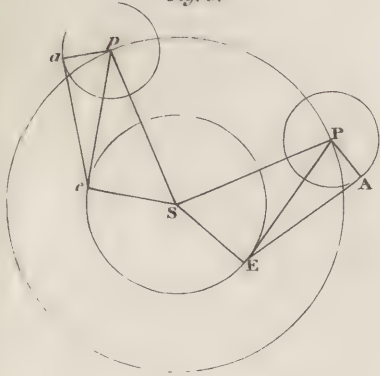
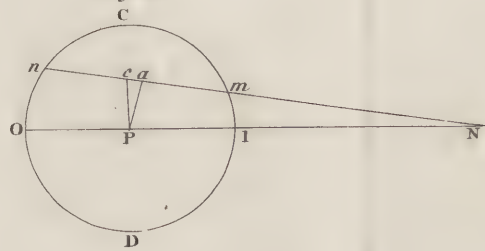


Fig. 10.

Fig. 11.



Eclipse.

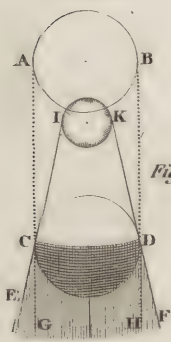


Fig. 12.

Eclipse.

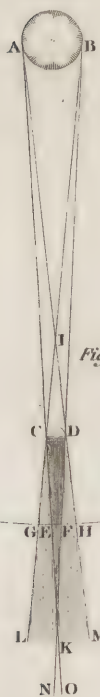


Fig. 13.

Eclipse.

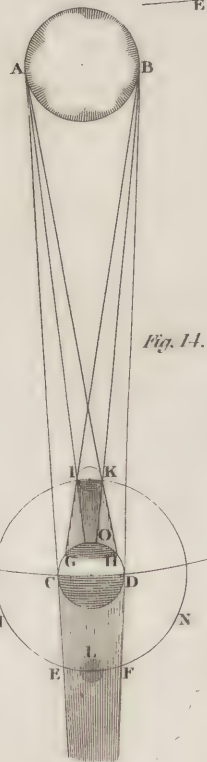


Fig. 14.

Eclipse of the Sun.

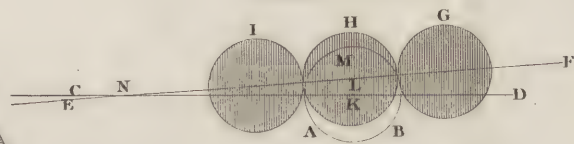


Fig. 15.

Eclipse of the Moon.



Fig. 16.

Tides.

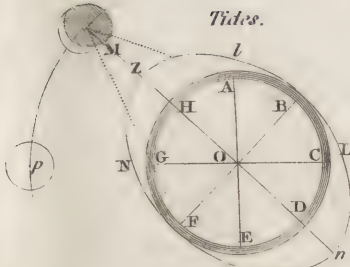


Fig. 17.

Comets.

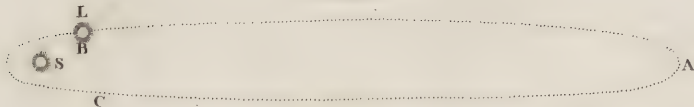


Fig. 18.

Tides.

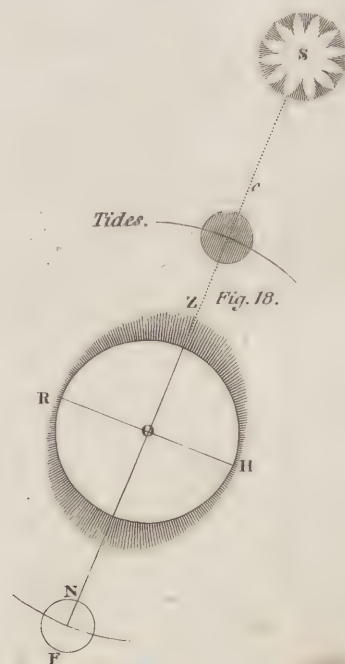
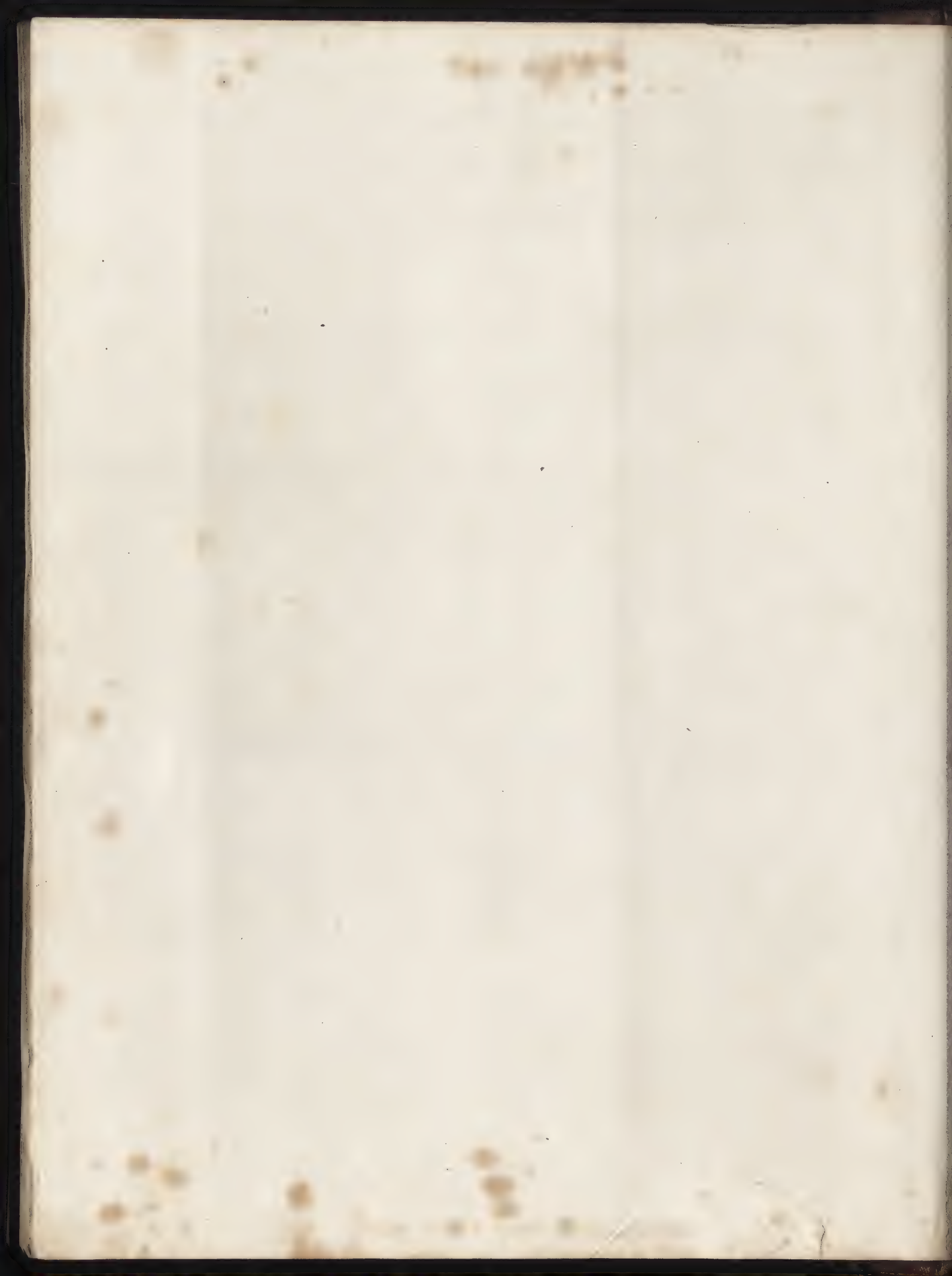


Fig. 19.



MISCELLANIES.

Abacus, or Counting Board.

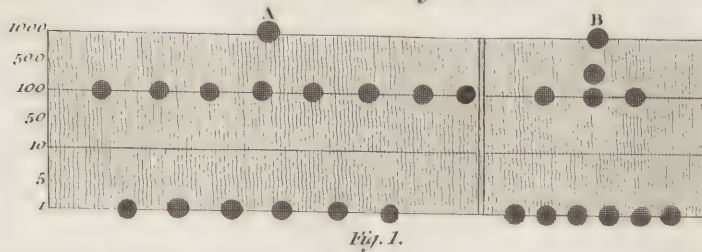


Fig. 1.

Aberration of Light.

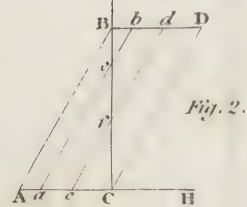
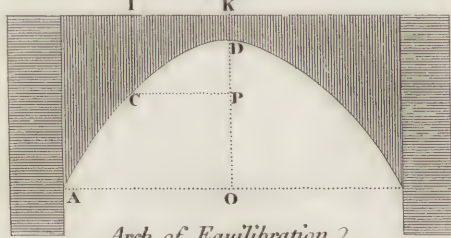


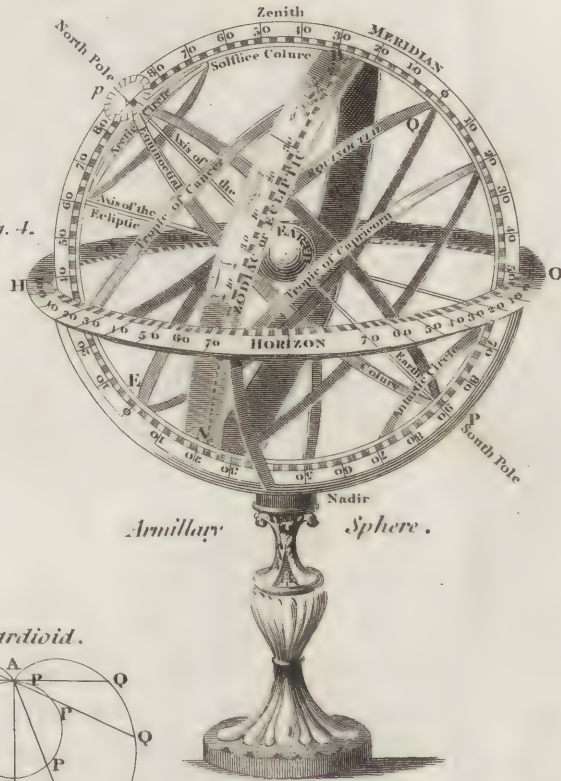
Fig. 2.

Fig. 3.



Arch of Equilibration.

Fig. 4.



Annular Sphere.

Astrolabe.

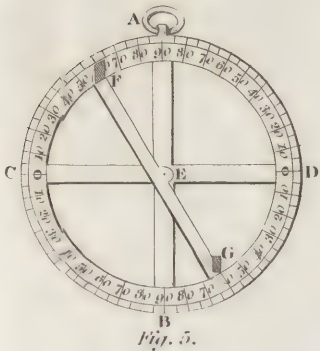


Fig. 5.

Fig. 6.



Barometer.

Cardioid.

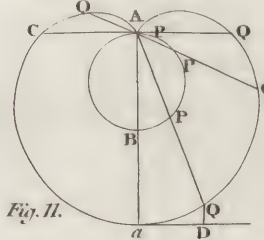


Fig. 11.

Diagonal Barometer.



Fig. 8.

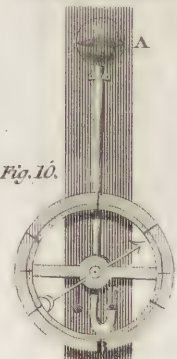
Fig. 9.



Horizontal Barometer.

Wheel Barometer.

Fig. 10.



Catacaustic Curve.

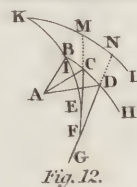


Fig. 12.

Fig. 7.

Catenaria.

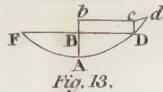
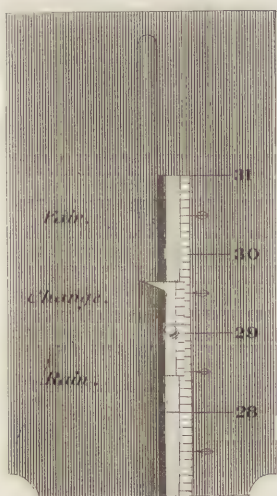


Fig. 13.

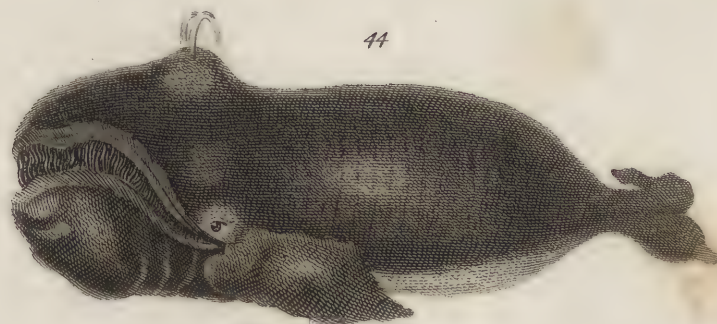
Vernier.



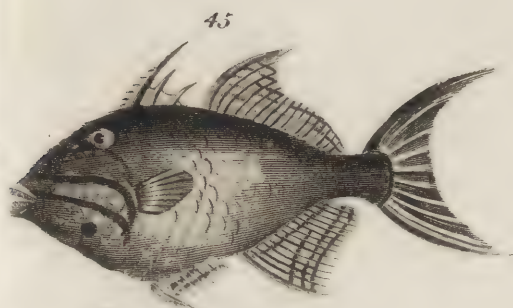




Ascaris vermicularis



Balaena physalus
Fin fish



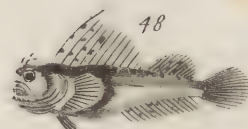
Balistes vetula



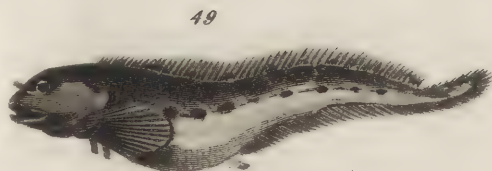
Chalita Americana



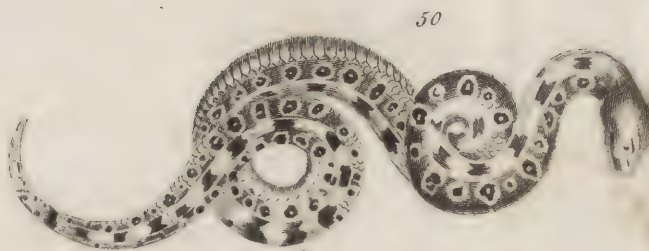
Blennius galleropine



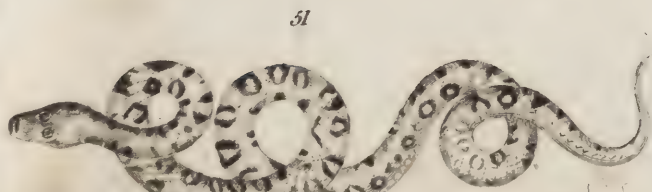
Blennius ocellaris



Blennius viopatus



Boa constrictor



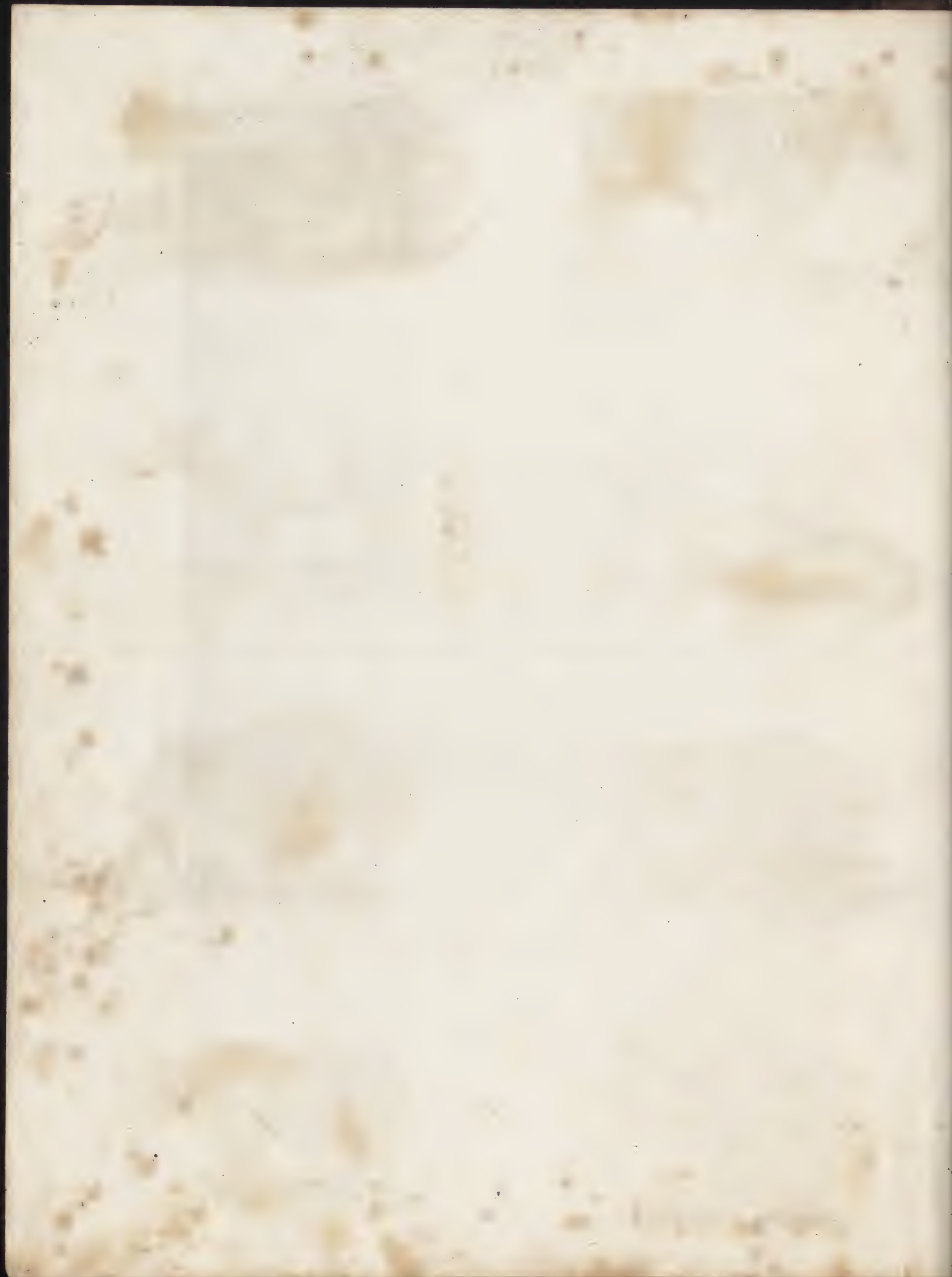
Boa hortulana



Bombylus medius



Bombylus morio



NATURAL HISTORY,

BOS TAURUS.

54

Male



Domestic Bull

Female

55



Domestic Cow

56



Wild Bull

57



Wild Cow

58



Wild Ox

59



Bison

60



Wild Ox

61



*Bos Gaur
Cape Ox*



BOTANY.



Subcordate



Crenate



Cuneate



Oblong



Lanceolate



Linear



Subulate



Reniform



Triangular



Sagittate



Cordate sagittate



Hastate



Obversely cordate



Trilobate



Creniculate



Trigonangular



Crenate



Palmate



Pinnatifid



Laciniated



Cordate



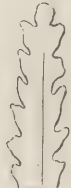
Sinuate



Partite



Repandose



Dentate



Serrated



Duplicately serrated



Duplicately crenate



Crenate



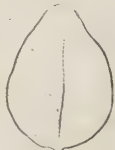
Pinnate



Lobed



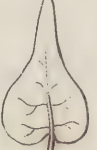
Curled



Obtuse



Acute



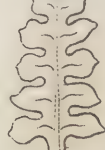
Acuminate



Obtuse with a point



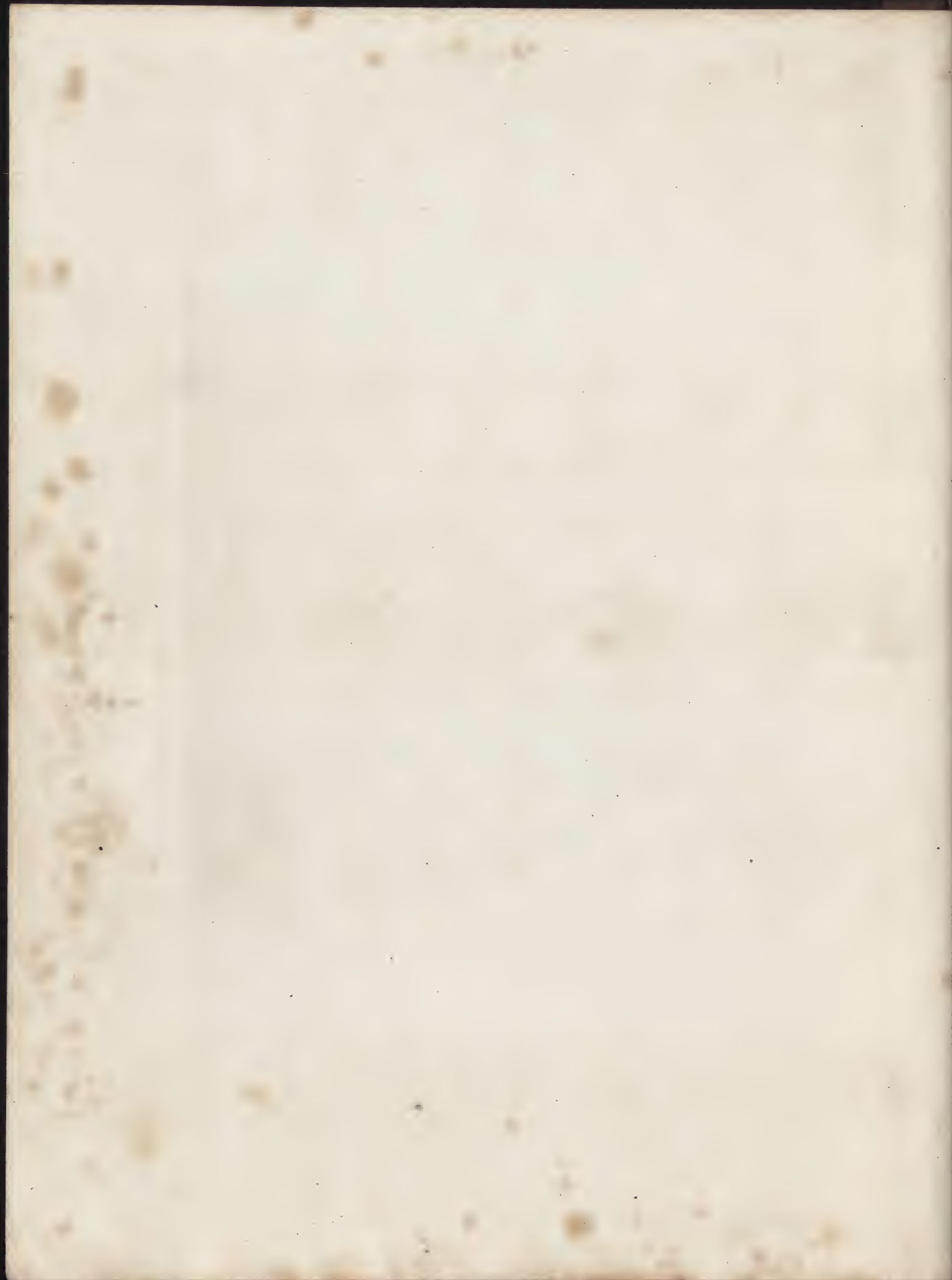
Sinuate



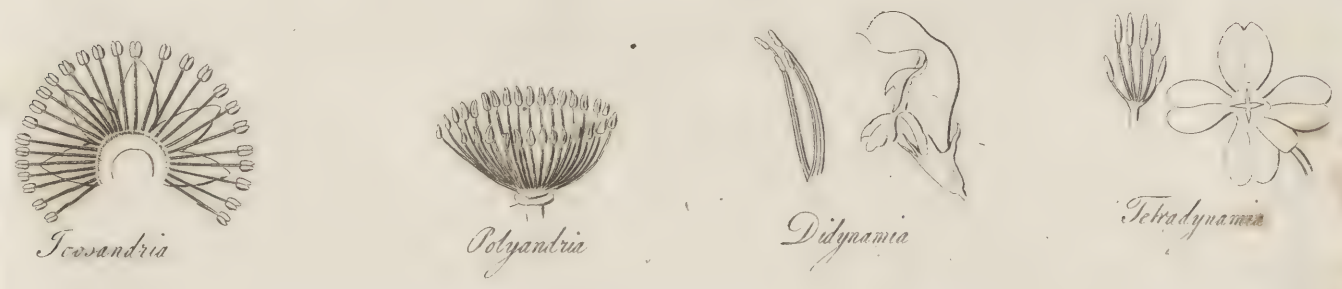
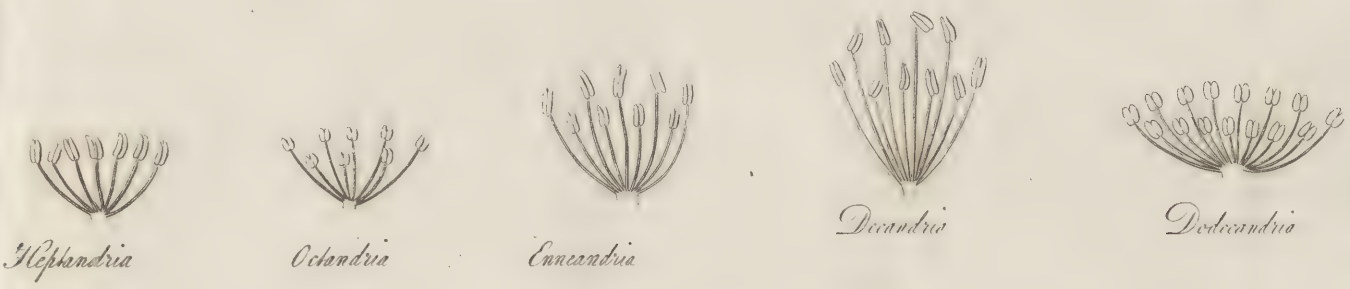
Dentate sinuate



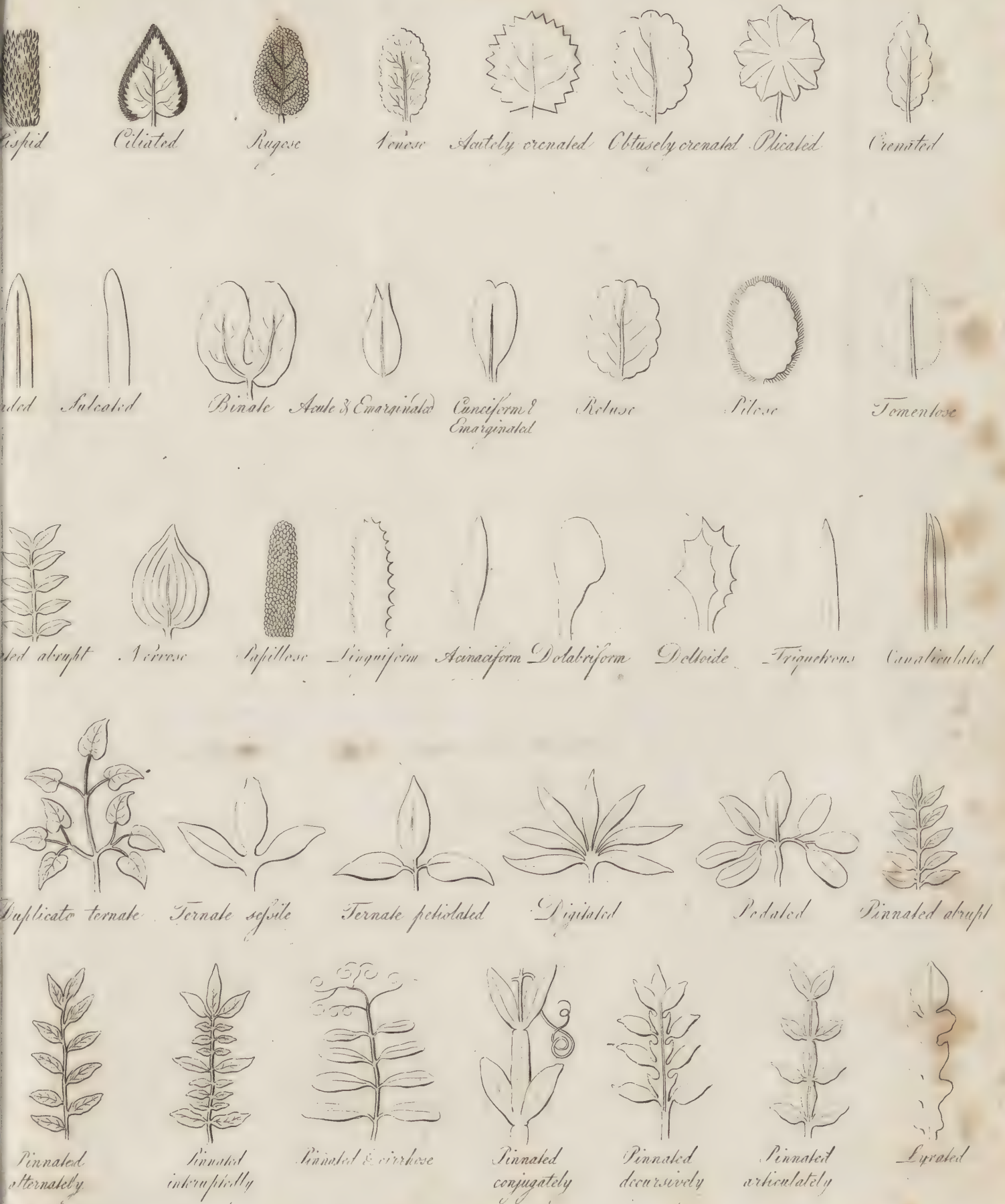
Retro sinuate

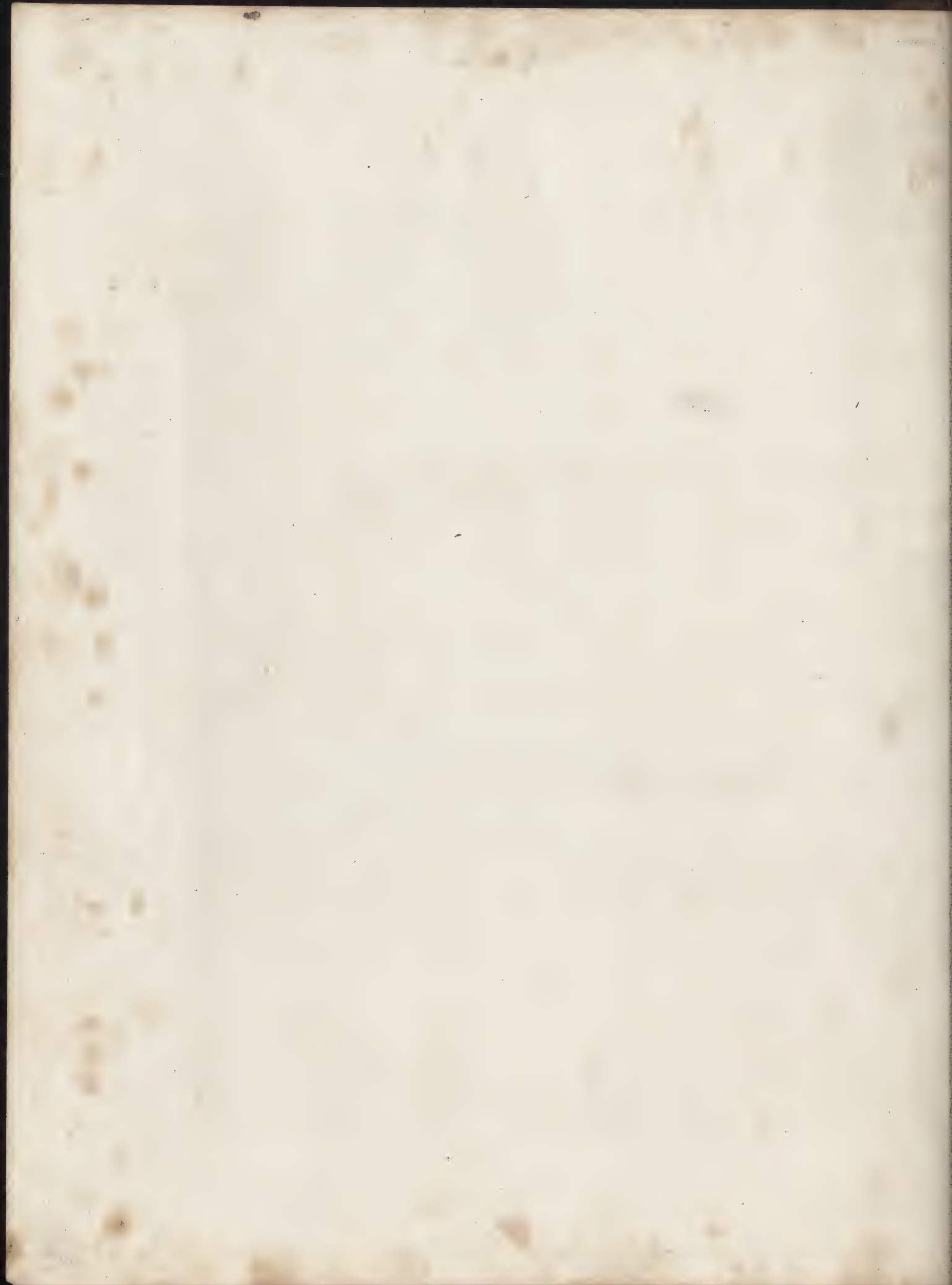


BOTANY.



BOTANY.





BOTANY.



bipinnately pinnated



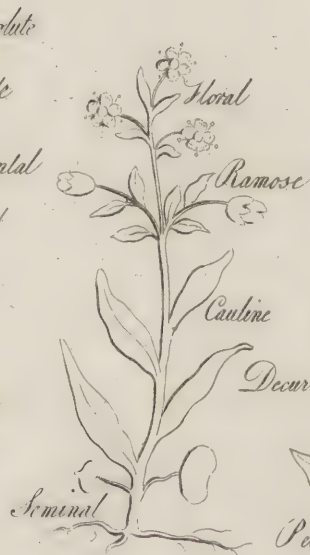
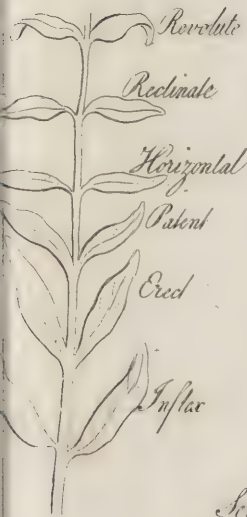
Triplicate ternate



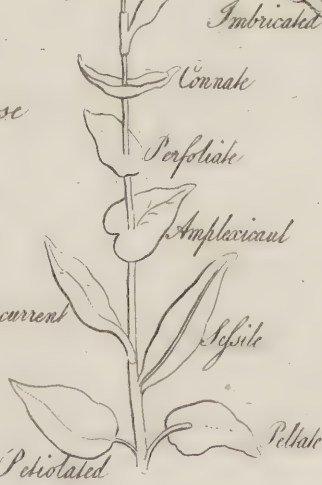
Triplicate pinnately abrupt Fasciculated



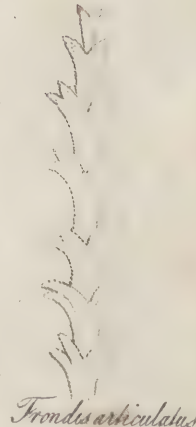
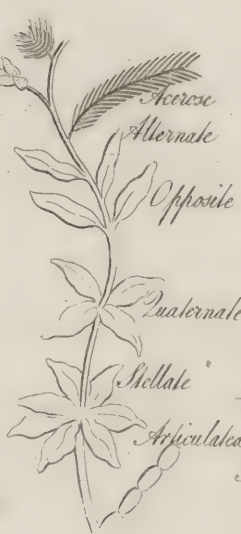
Triplicate pinnately with an odd leaf



Naginant

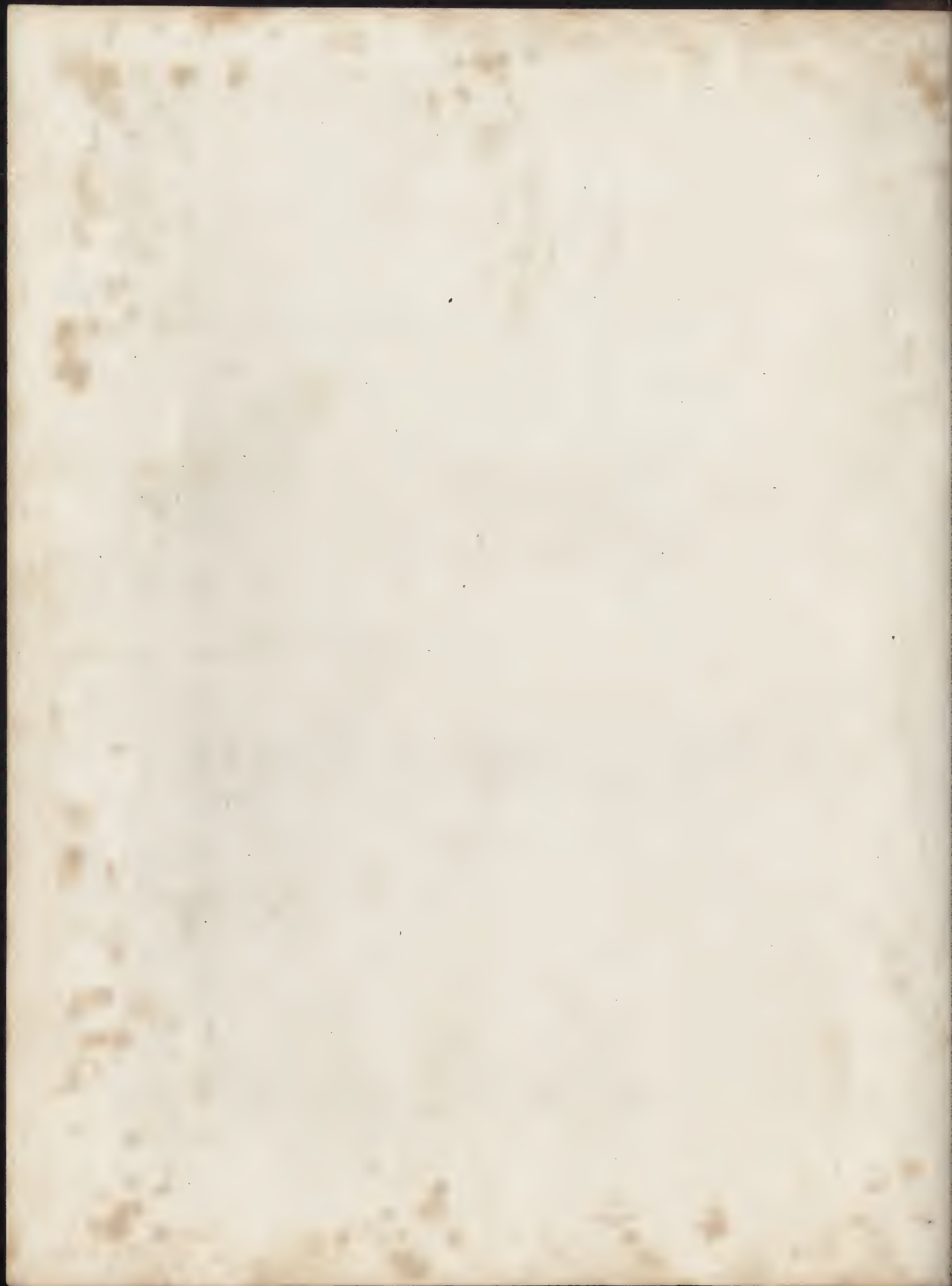


Imbricated



Parts of Flowers & Fruits







Gynandria



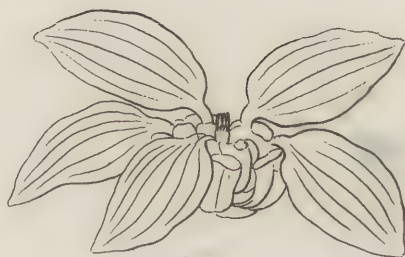
Monoceria



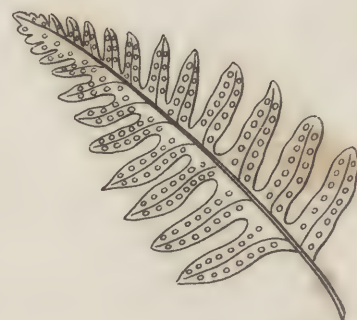
Dioecia



Polygamia



Nectaria



Cryptogamia



Legumen



Tubus



Pericarpium



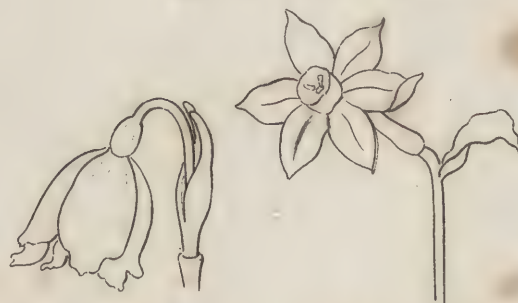
Pappus & correnant seeds



Liliqua



Spatula





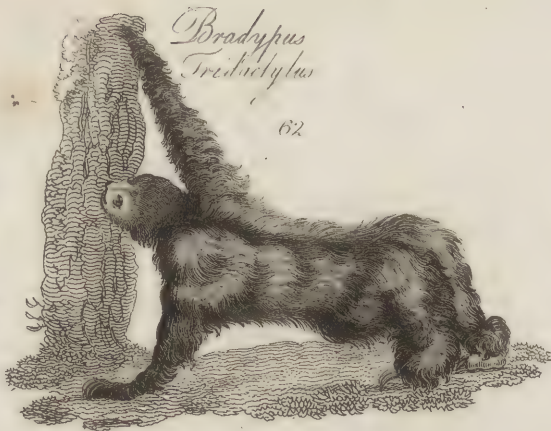
BRIDGES.



The Iron Bridge at Clifton, Devon.



NATURAL HISTORY









Camelus vicuna



Camelus Bactrianus
Bactrian Camel



Camelus Glama



Camelus Dromedarius
Dromedary



Camelopardalis Giraffe



Caprimulgus
Goat-sucker



Cancer Stagnalis



Canis Hyena



Canis lagopus
Arctic fox

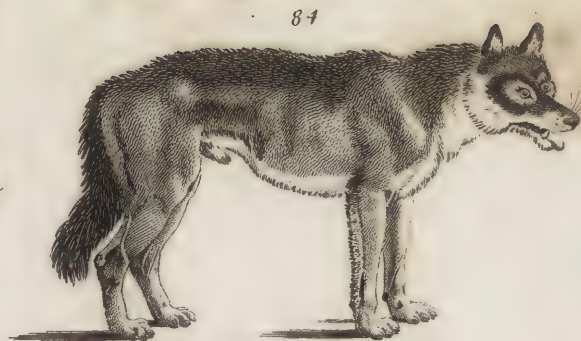




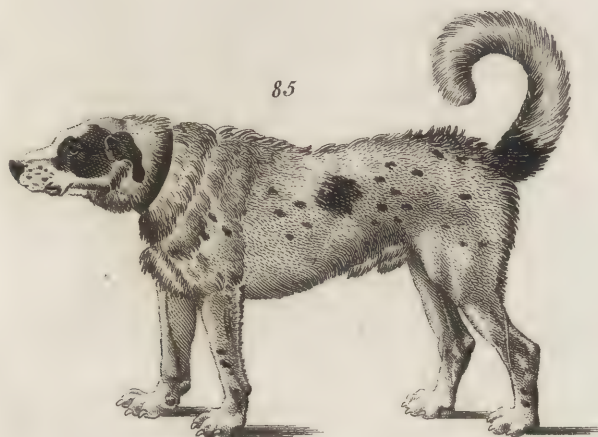
82
Canis aureus.
Jackall



83
Canis vulpes.
Fox



84
Canis lupus.
Wolf



85
Newfoundland Dog



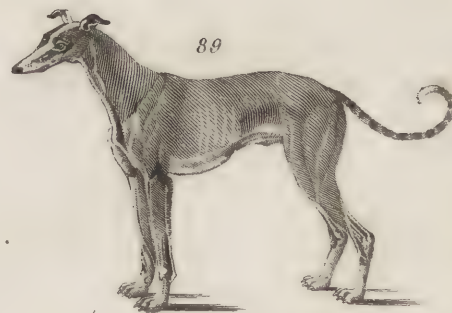
86
Mastiff



87
Bull Dog



88
Coach Dog



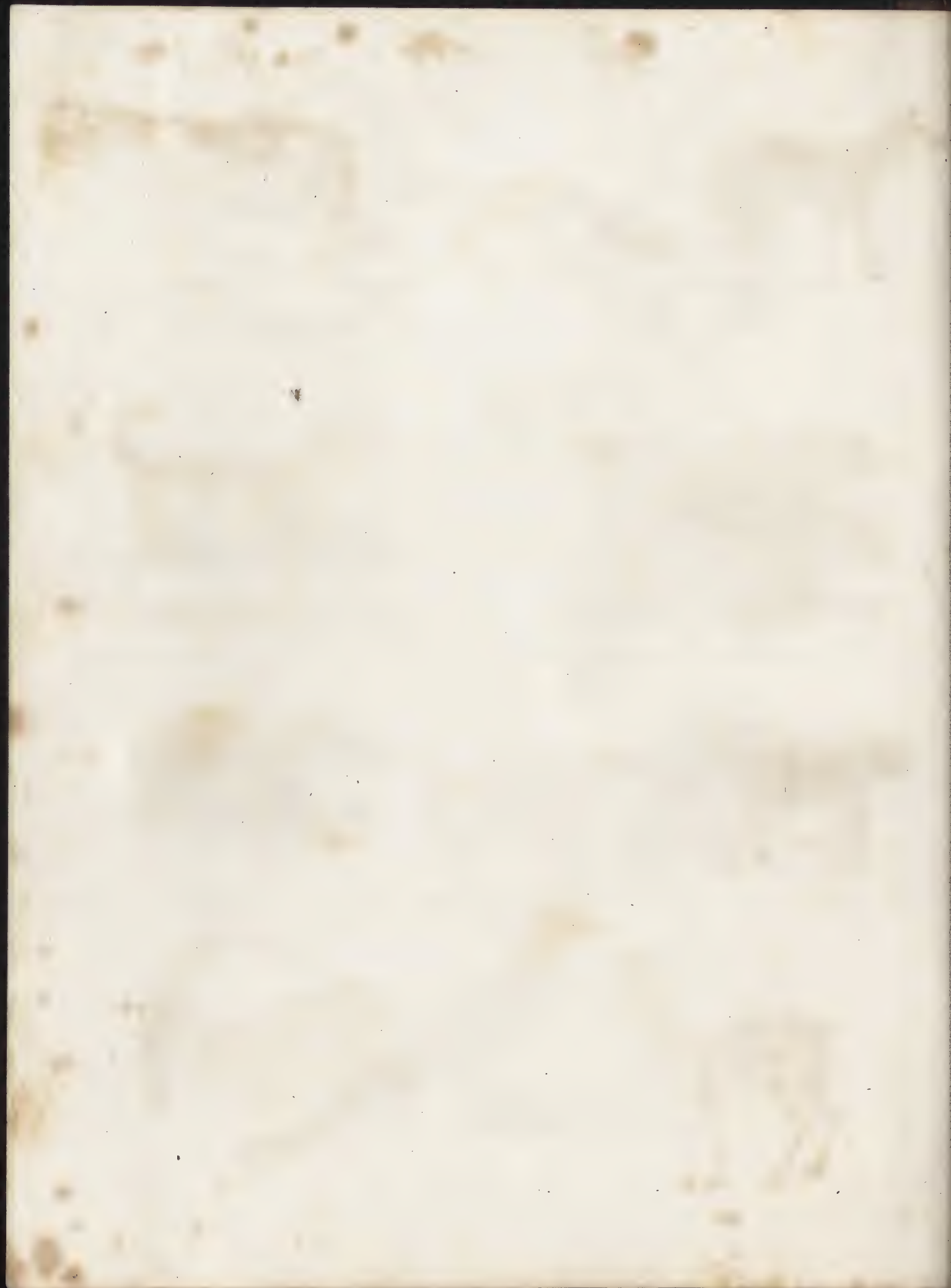
89
Greyhound



91
Chamois Goat



90
Ibex



Caryophyllus aromaticus
Clove tree

92



Cassia fistula

93



Cassida viridis

94



Castor fiber
Common Beaver

95



Cavia acuschy

96



Cavia capybara

97



Cavia fura
Spotted Cavy

98



Certhia sannio
Mocking creeper

101



Cerambyx arcuatus

99



Cerambyx moschatu

100

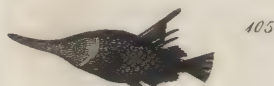




NATURAL HISTORY.



Centiscus scolopax

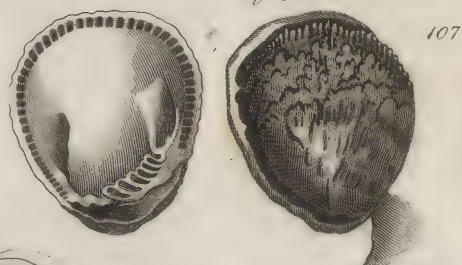


Charadrius plumbealis
Golden Plover

106



Chama gryphoides



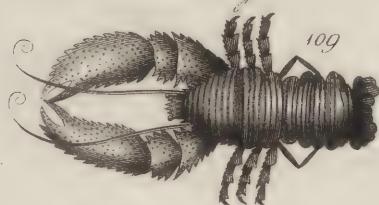
Cancer diogenes
Hermit Crab



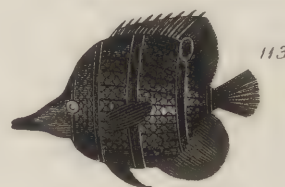
Chama cordata



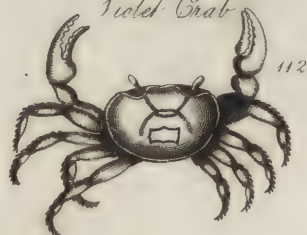
Cancer Stegosus



Chelodon acuminatus



Cancer ruvicola
Violet Crab



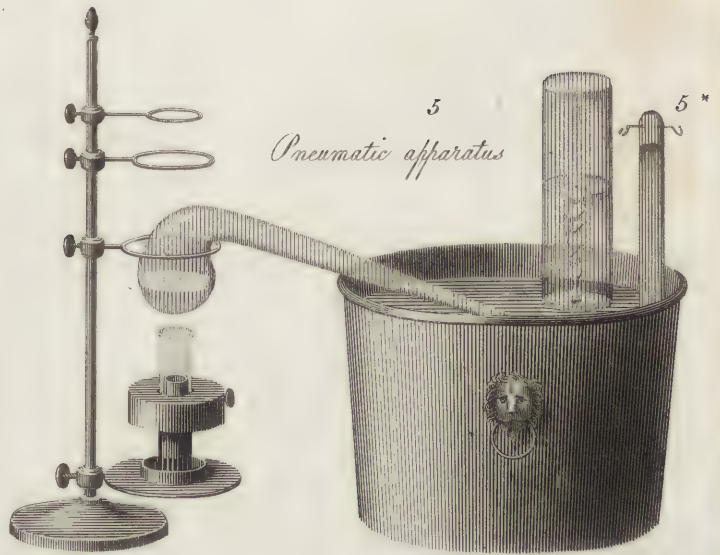
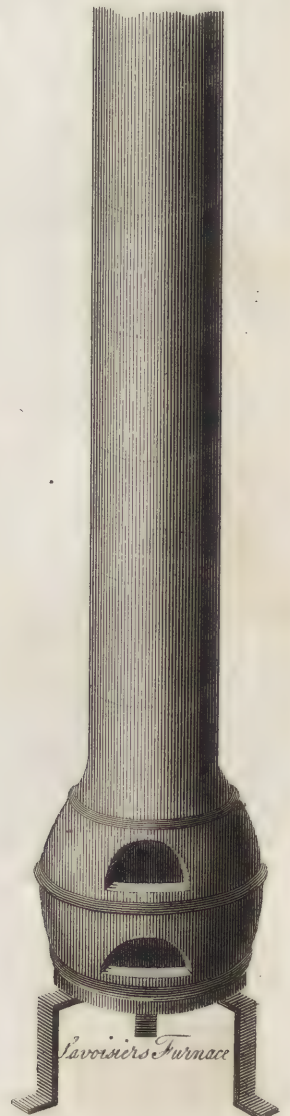
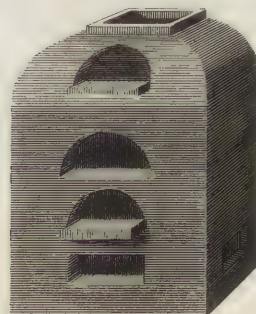
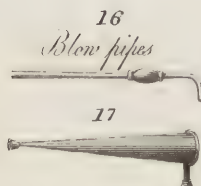
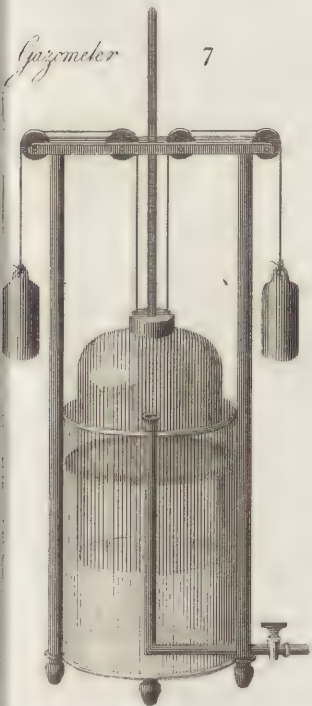
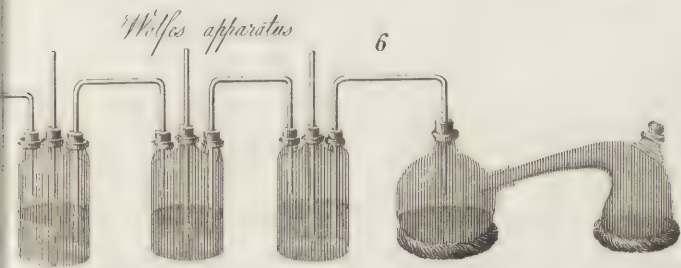
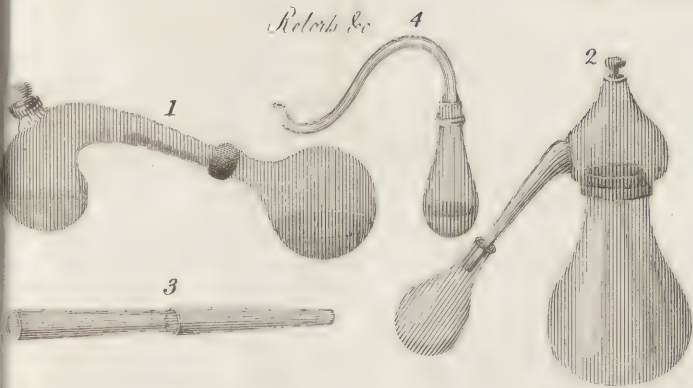
Cancer horridus
Horrid Crab



Hatched, 1806

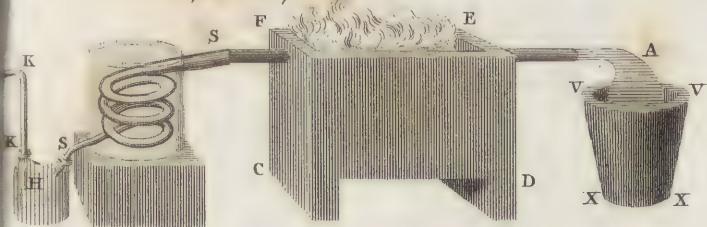


CHEMISTRY.

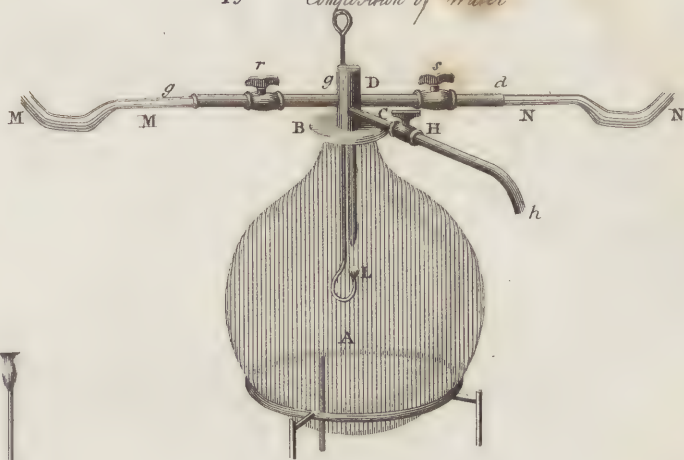




Decomposition of Water 18



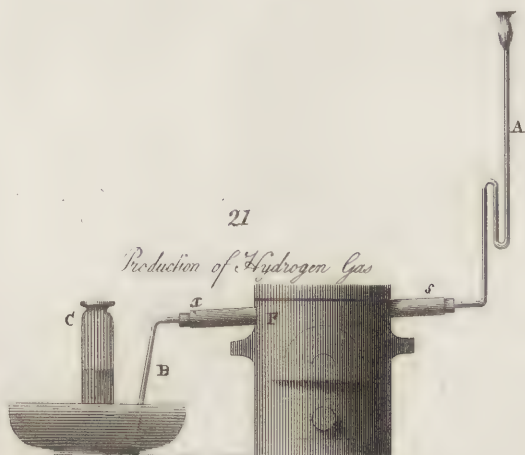
19 *Composition of Water*



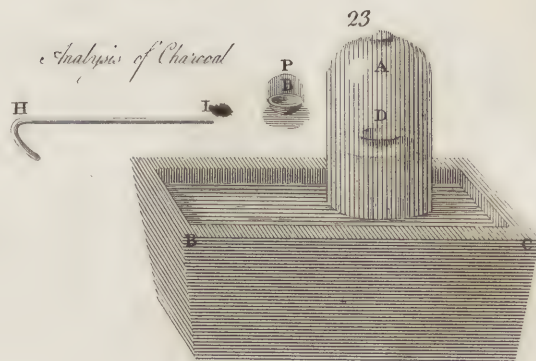
20 *Iron Wire*



21 *Production of Hydrogen Gas*



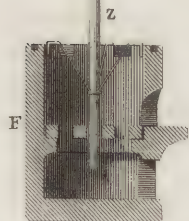
23 *Analysis of Charcoal*



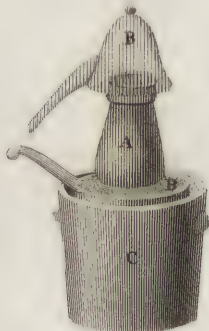
22



24 *Carbon obtained*

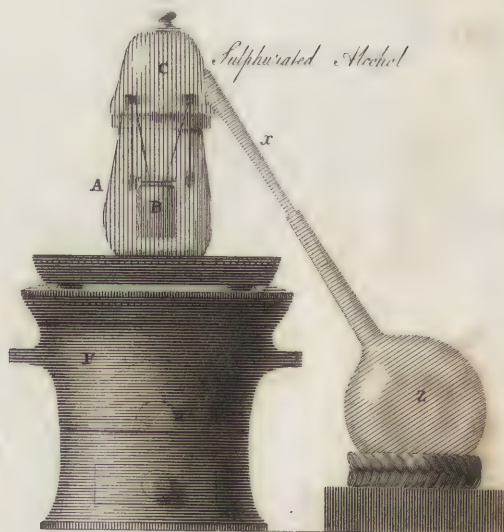


25 *Sublimation*

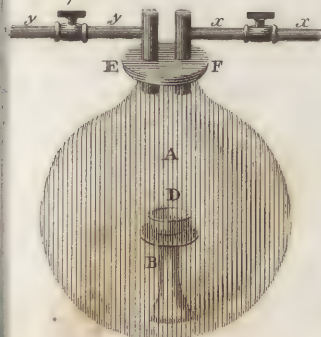


26

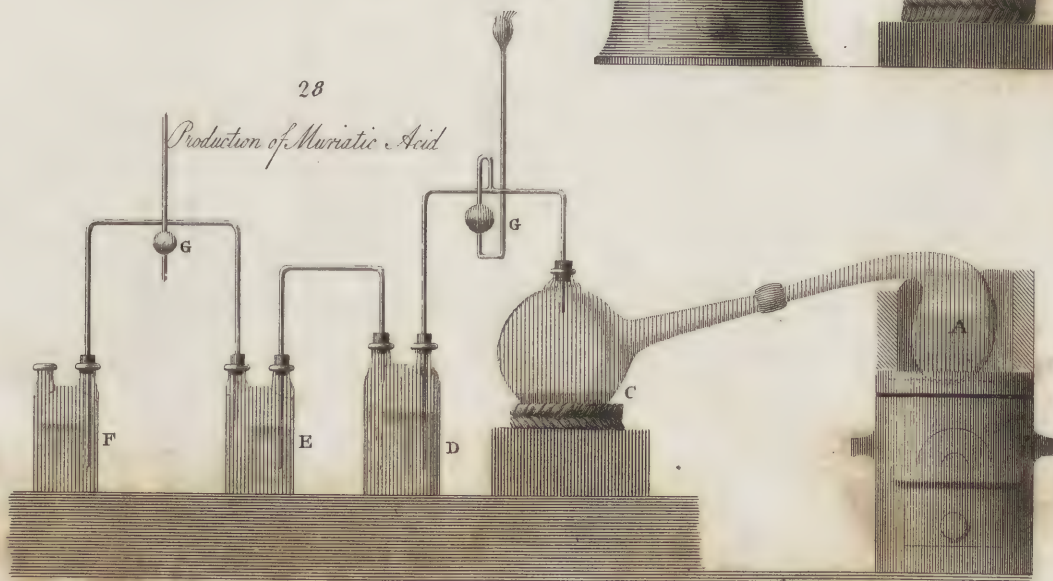
Sulphurated Alcohol



Phosphoric acid 27



28 *Production of Muriatic Acid*





CHEMICAL CHARACTERS

SIMPLE OR UNDECOMPOUNDED SUBSTANCES

[illegible]

Combination of two Substances — Caloric Sometimes forms a third

SALT'S with an alkaline Earthy or Metallic Basis

Hydrogen Gas Combined with		Alloy of		Amalgam of		Sulphuret of		Ammonia		Ammoniac Gas		Potash		Ammonia		Lime		Iron		Gold		Platina		Silver		Silver & Gold		Silver & Copper		Copper & Tin		Carbon		Sulphur		Phosphorus		Carbonat of Iron				



CLOCK-WORK &c.

Profile of a Clock.

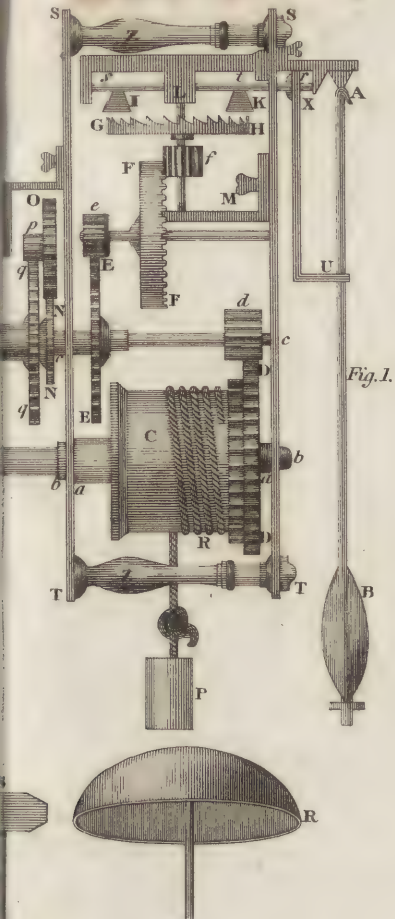


Fig. 1.

Dr. Franklin's Clock.

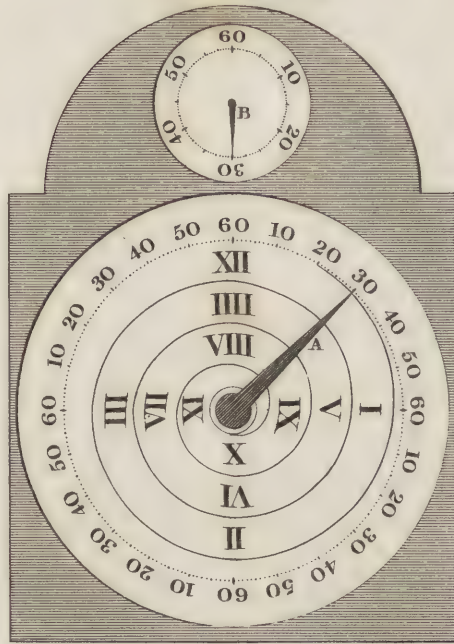


Fig. 3.

M. Ferguson's Improvement.



Fig. 5.

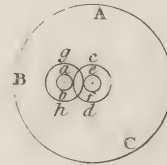


Fig. 7.

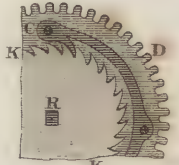


Fig. 2.

Fig. 6.

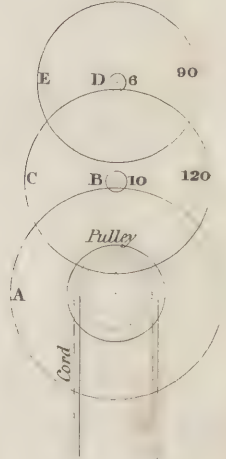
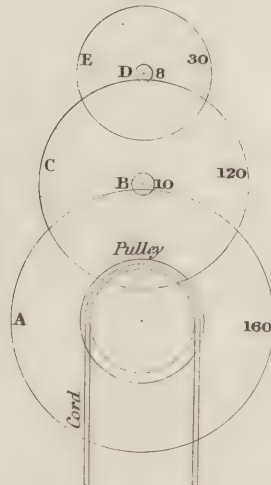


Fig. 4.



Coining.



Fig. 9.

Coining.

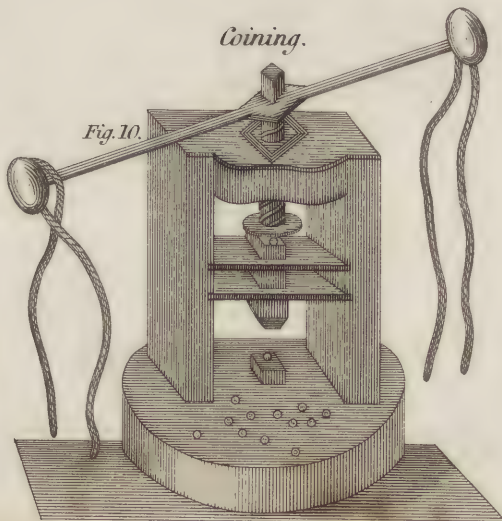


Fig. 10.



Figs. 11.

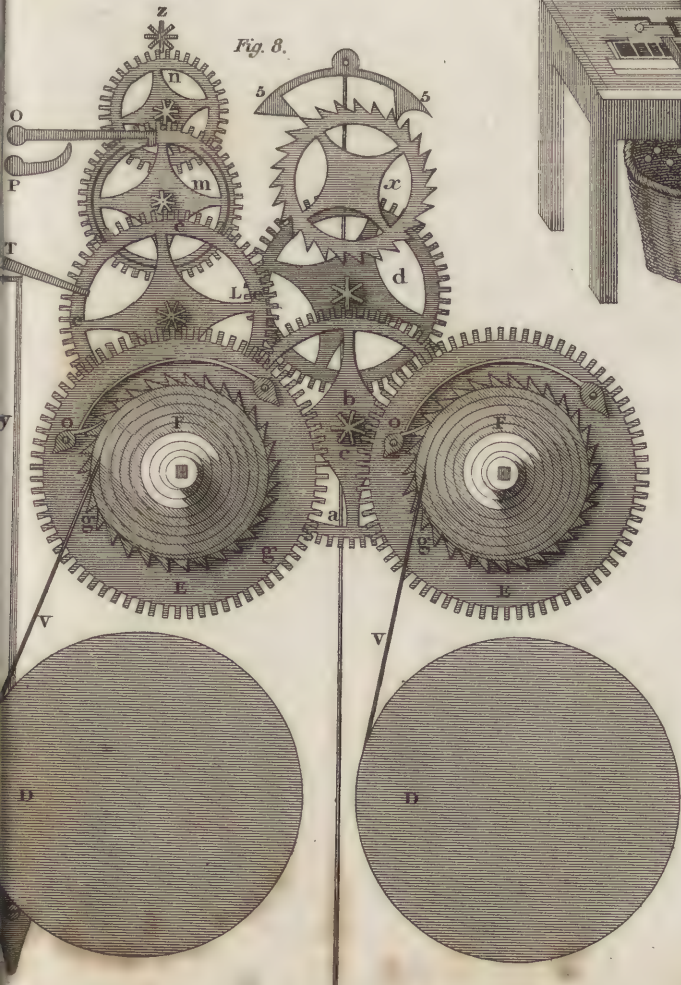


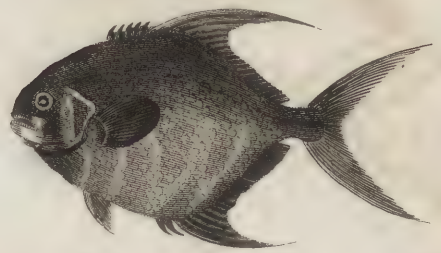
Fig. 8.



Chaetodon Chirurgus

Chaetodon rhomboides

Chaetodon lanceolatus



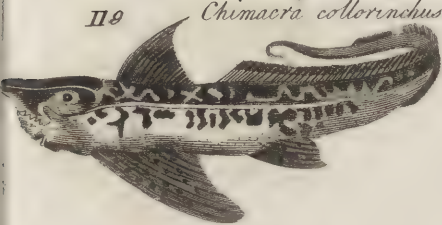
C l i o



C h i t o n



Chimacra collarinchus



Chrysis lucidula



Cuada aurita



Cicada sanguinolenta



C l e m a t i s



Cicada plebeia



Cicindela campestris



Cimex paradoxus



Cimex spissicornis



Coccoloba uvifera

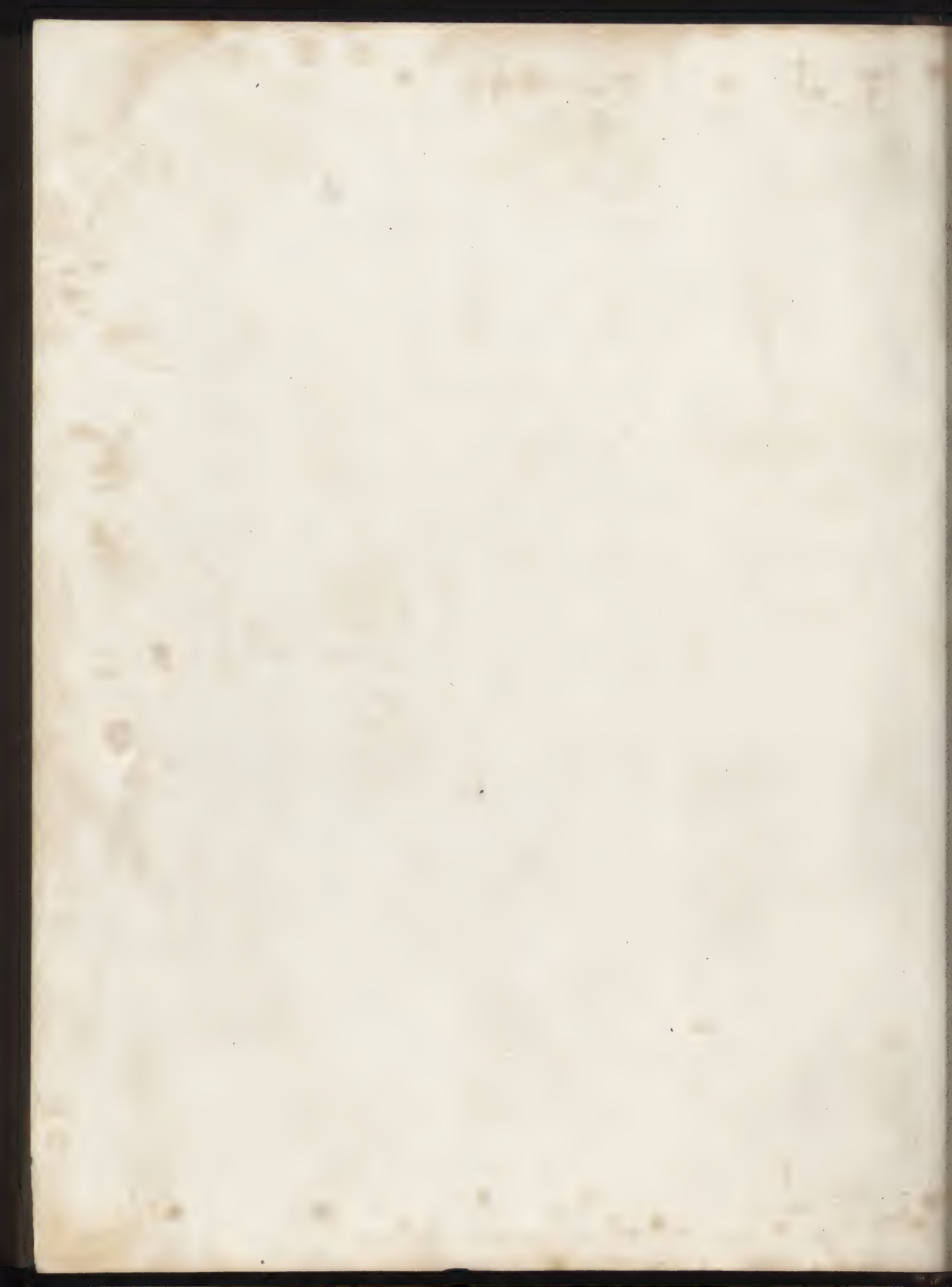


Cimex rosifera

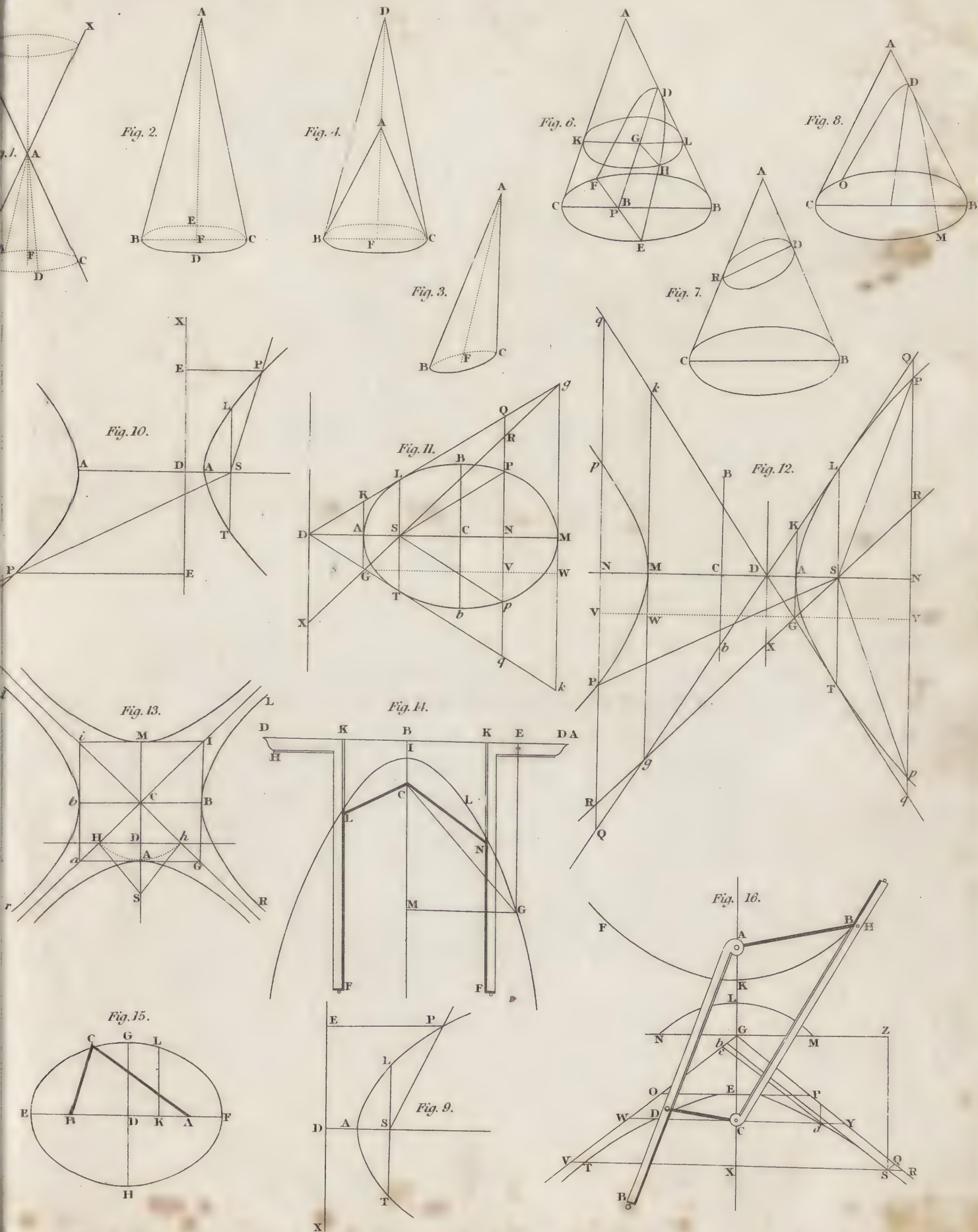


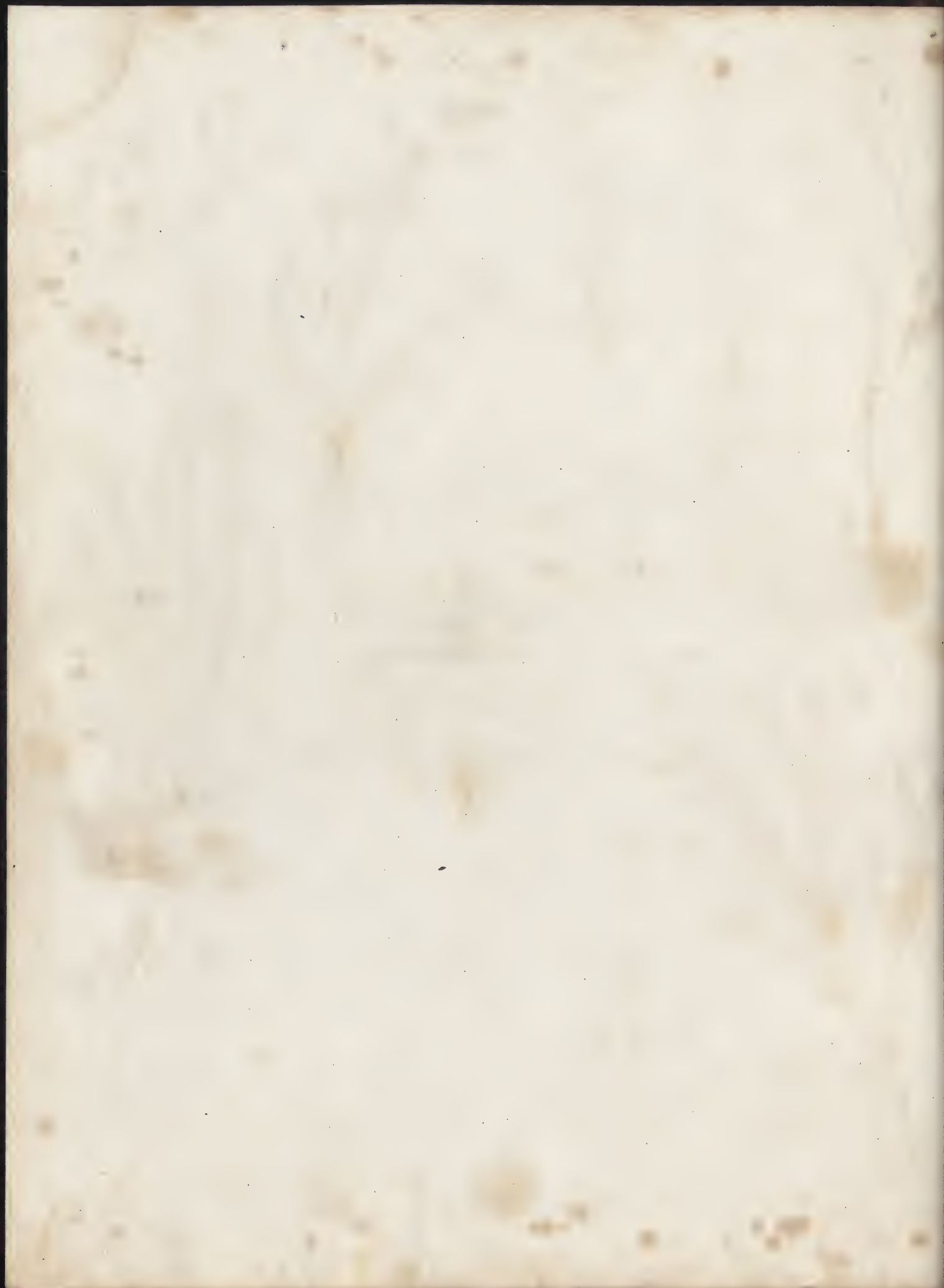
Coccus Cacti
Cochineal Insect Male & Female





CONIC SECTIONS.





CORALLINES.





132



Adalia septempunctata
Lady bird

133



Coffea Arabica
Coffee Tree

134



Coluber akatula

135



Coluber argus

136



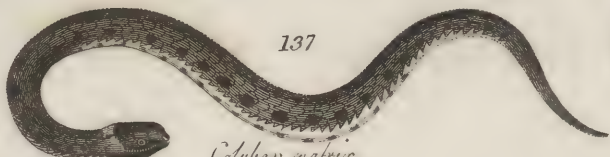
Coluber

139



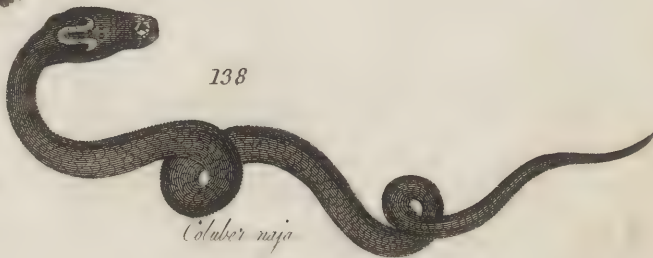
Columba
Brown Indian Dove

137



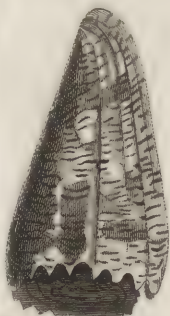
Coluber natrix

138



Coluber naja

140



Conus marmoratus

141



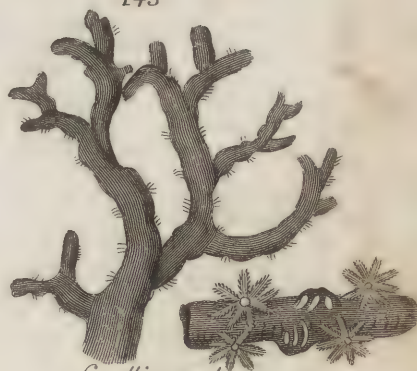
Conus papilio

142



Convolvulus Jalapa
Jalap Tree

143



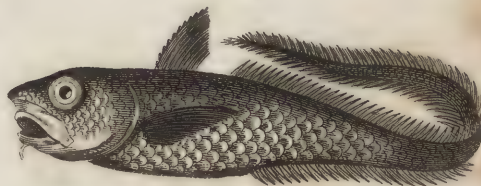
Corallina rubens
Red coralline

144



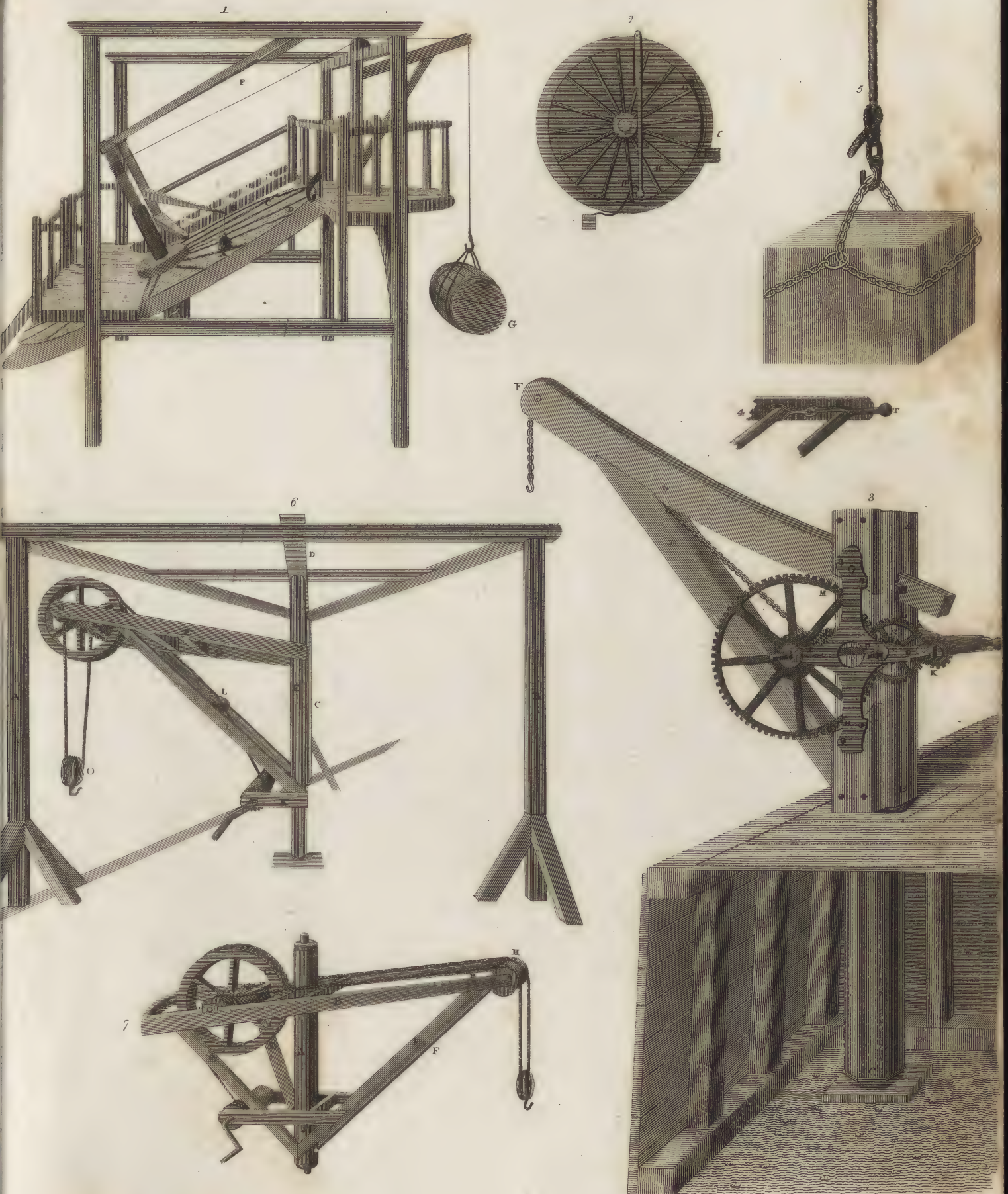
Corvus calurus
Bald crow

145



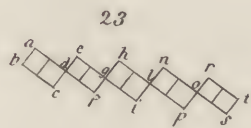
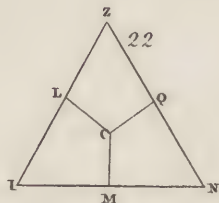
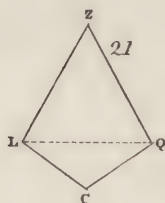
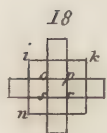
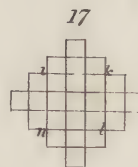
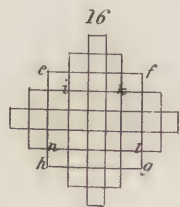
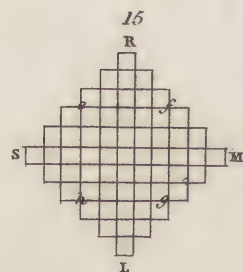
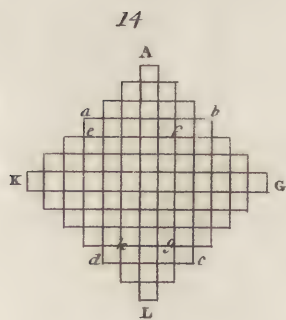
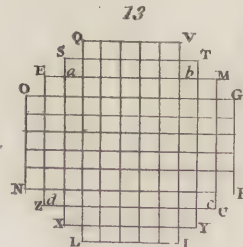
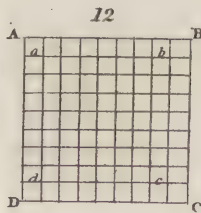
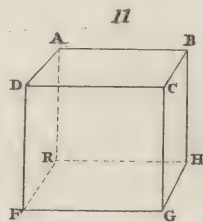
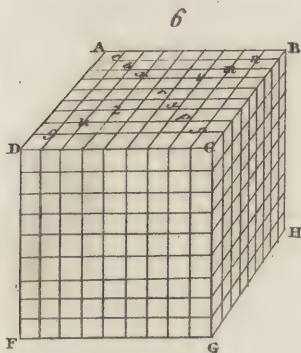
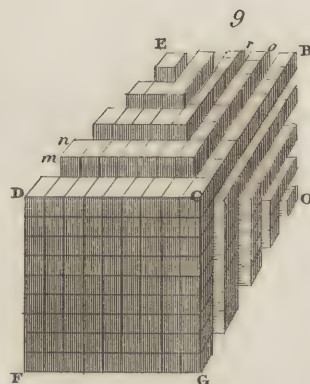
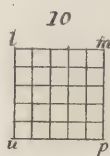
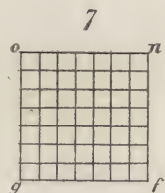
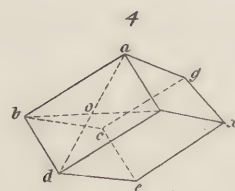
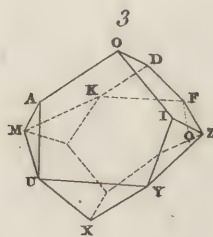
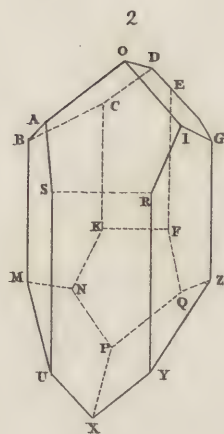
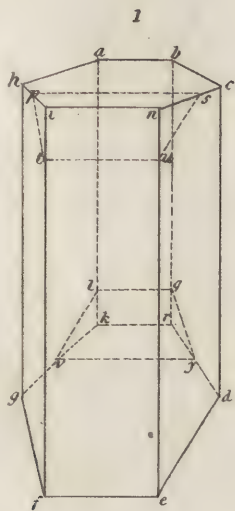
Coryphæna rupestris

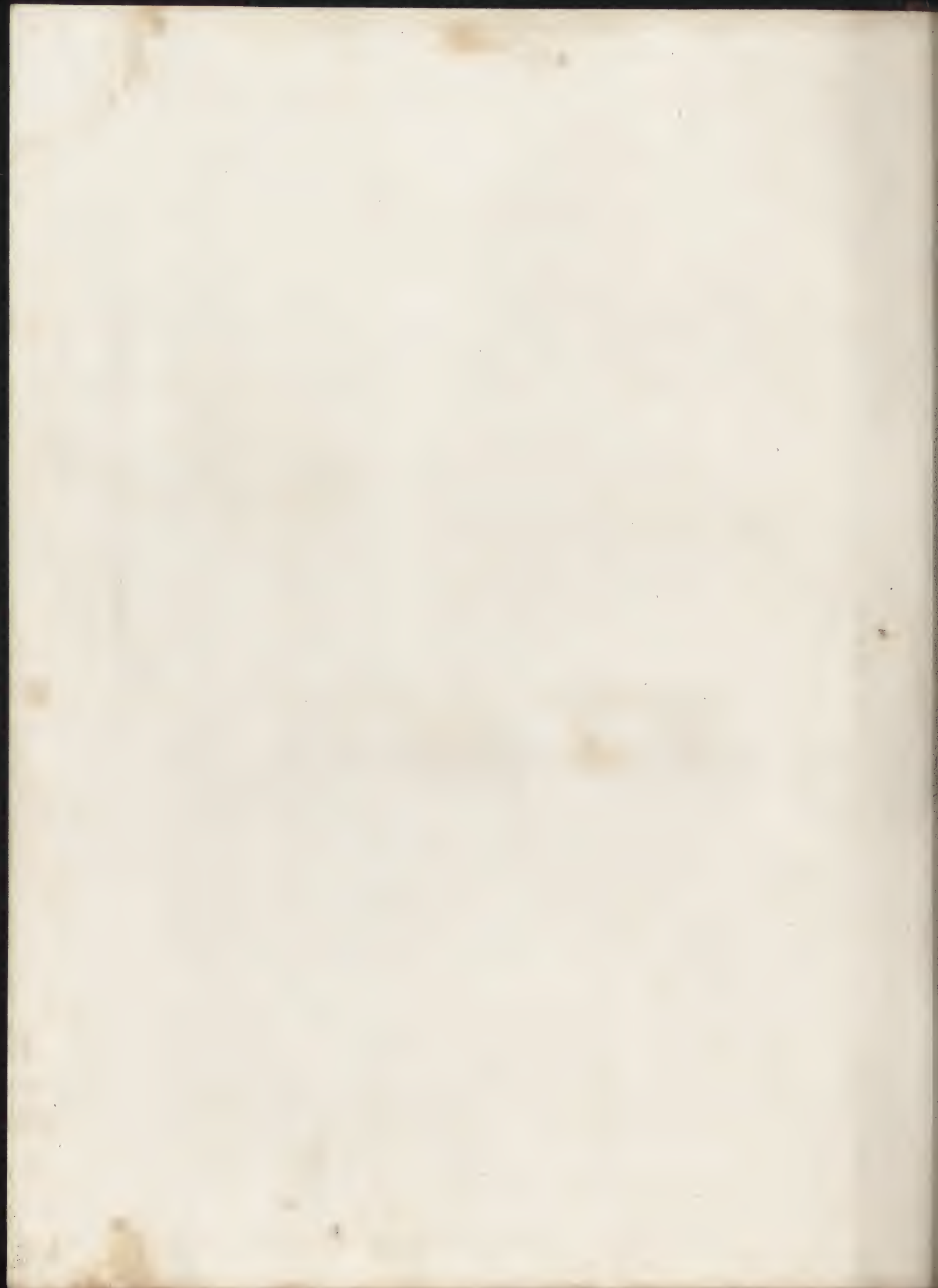
CRANES.





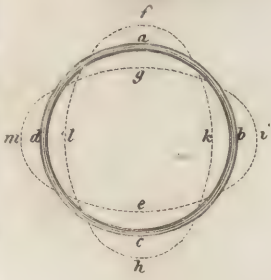
CRYSTALLIZATION.



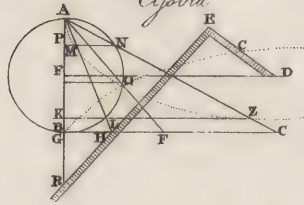


MISCELLANIES.

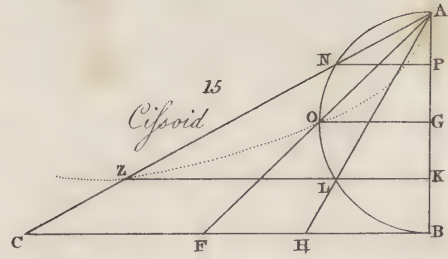
21 Bell, theory of.



14 Cifoid

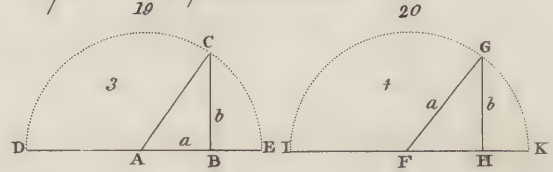
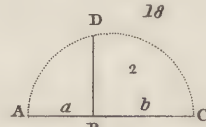
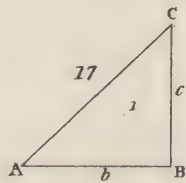
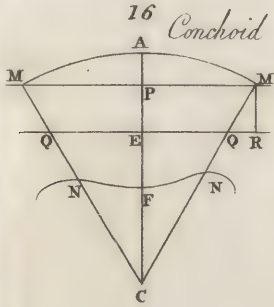


15 Cifoid

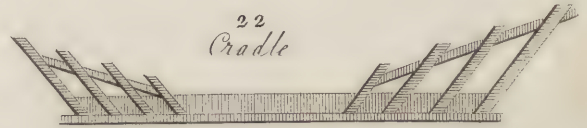
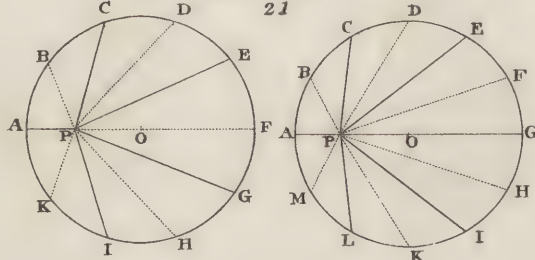


Construction

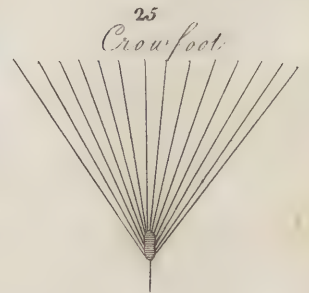
of Equations



Cotesian Theorem



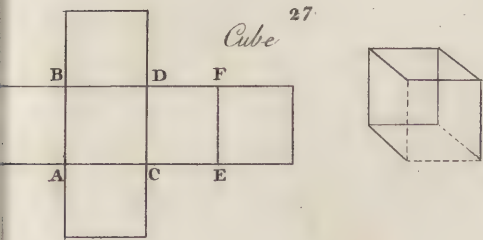
26 Crowth



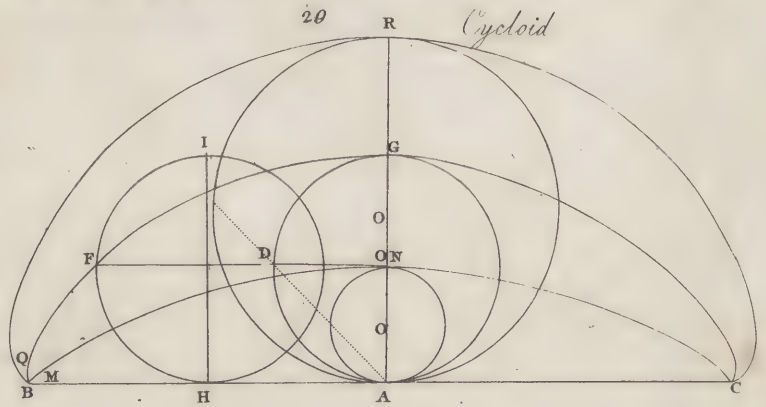
24 Cromlech



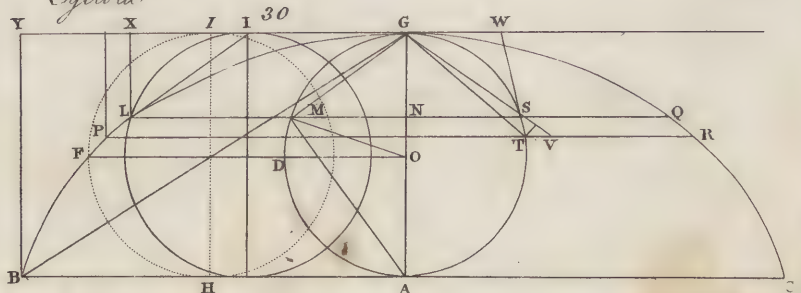
27 Cube



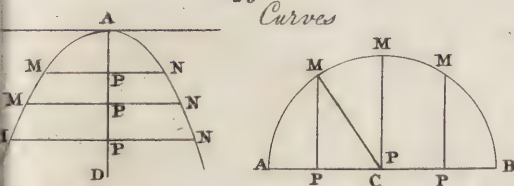
28 Cycloid



Cycloid



28 Curves



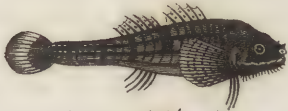


146



Coryphæna velifera

147



Cottus cataphractus

148



Crax pavoni

149



Crax alector

150



Crotalus horridus
Rattle snake

151



Cryptocinetus giganteus

154

152



Cryptocinetus hirtus

153



Cuculus persa
Mexican Cuckoo

157



Cypræa stercoraria



Cycas revoluta

155

158

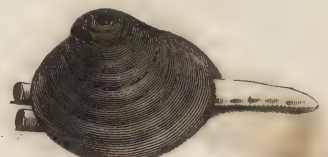


Cyprinus latius

156



Cyclopterus lumpus
Lump sucker

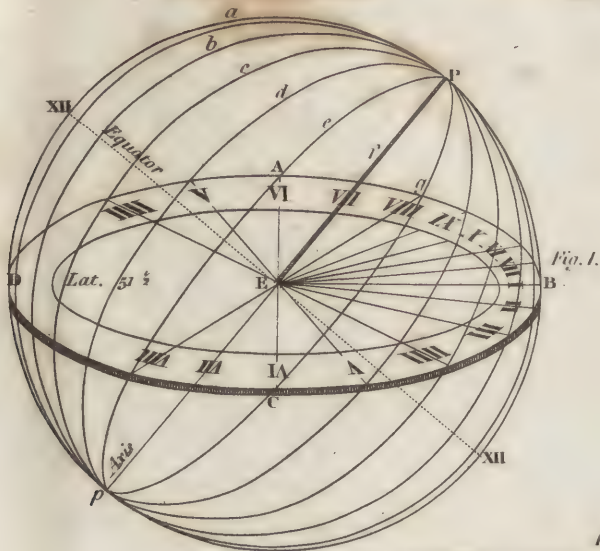


Cydus cornea

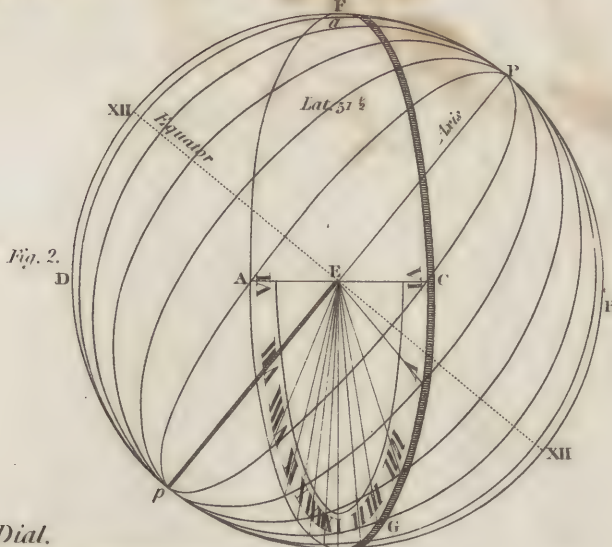


DIALLING.

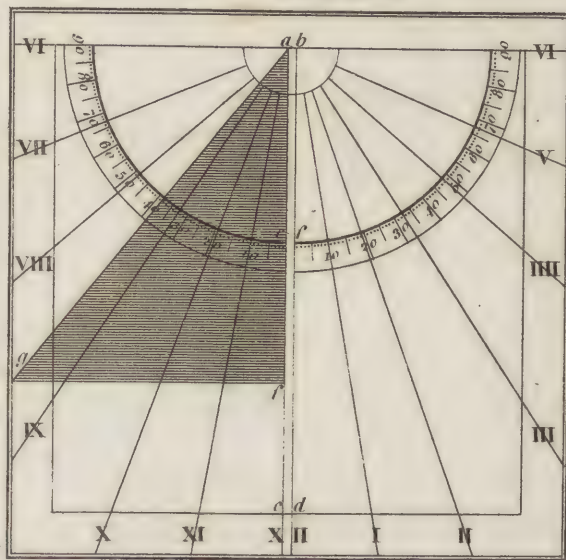
Horizontal Dial.



Vertical Dial.



Erect South Dial.



Horizontal Dial.



Fig. 6.

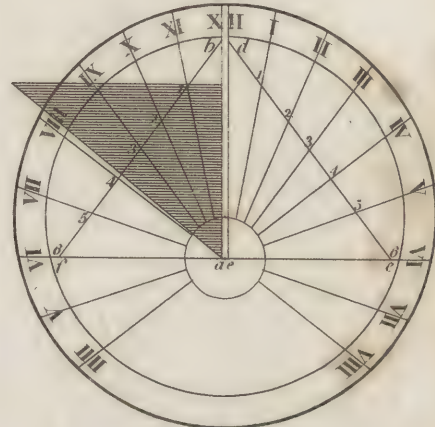
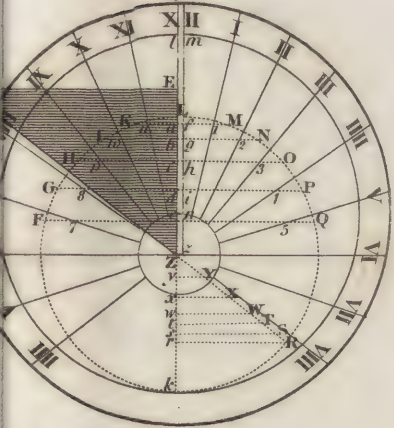


Fig. 3.

Fig. 7.



Dialling Lines.

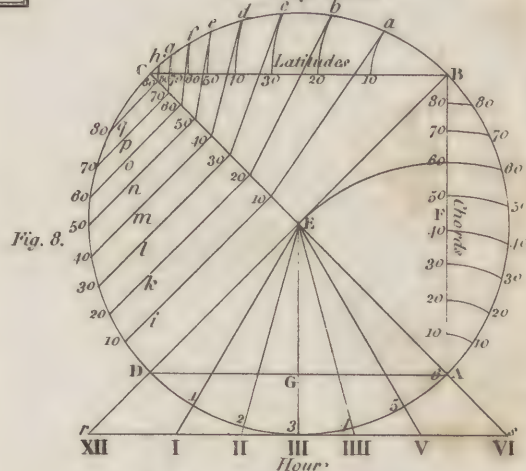
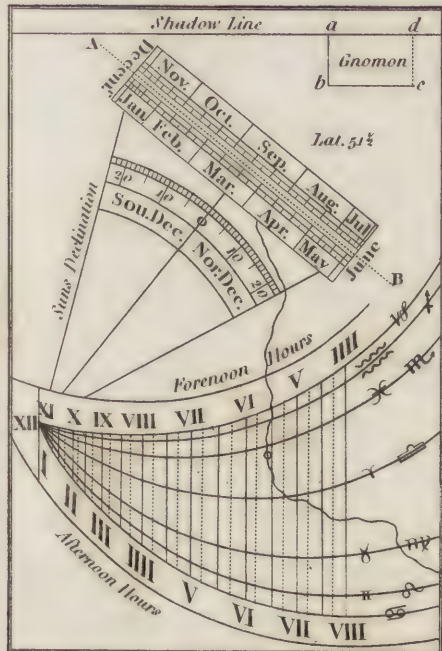


Fig. 9.



Portable Dial.

Dialling Scale.

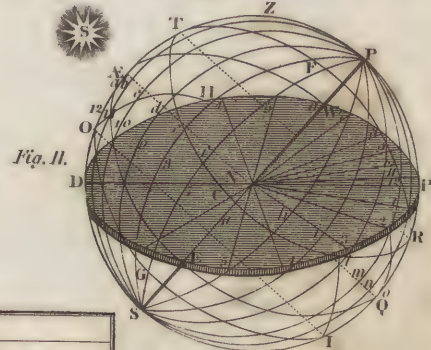
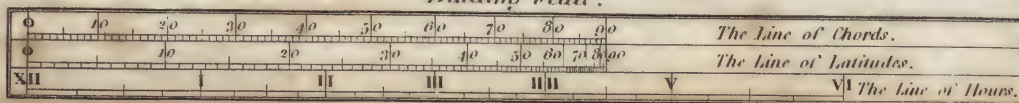


Fig. 11.

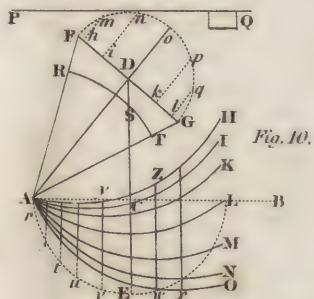


Fig. 10.

160



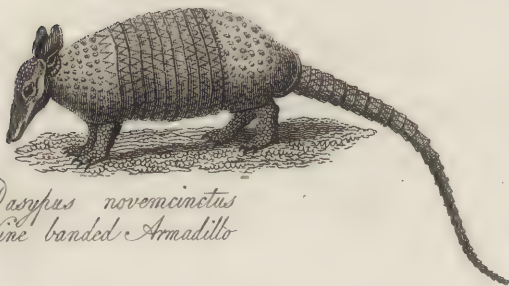
Dendrites

161



Dendrites

159



Dasypus novemcinctus
Nine banded Armadillo

162



Dermestes lardarius

164



Didelphis murina

163



Didelphis gigantica

165



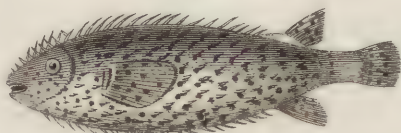
Didelphis opossum

166



Didelphis macrotarsus

167



Didon alinga

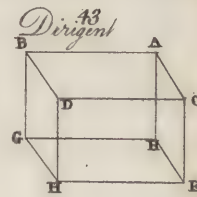
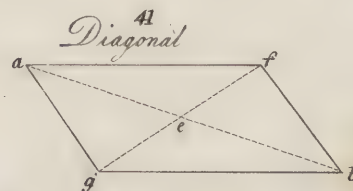
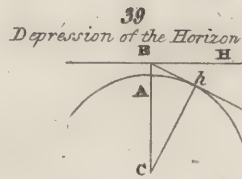
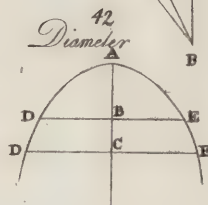
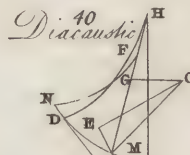
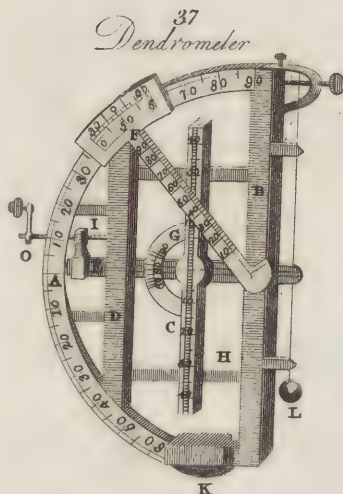
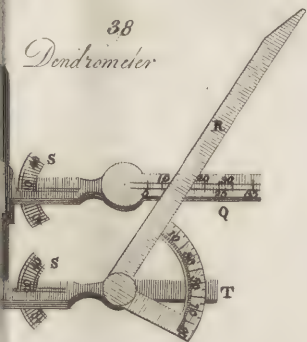
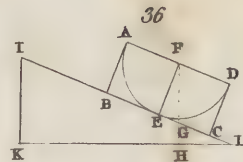
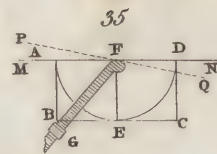
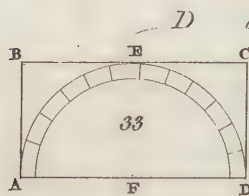
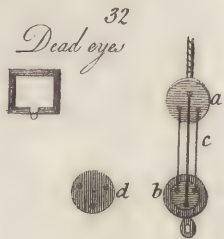
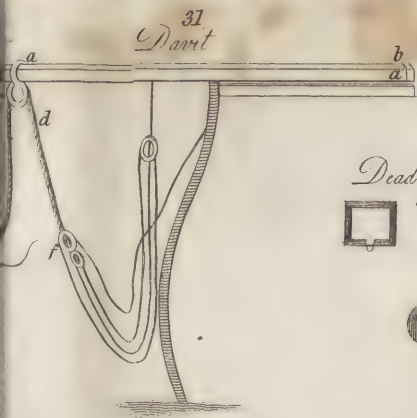
168



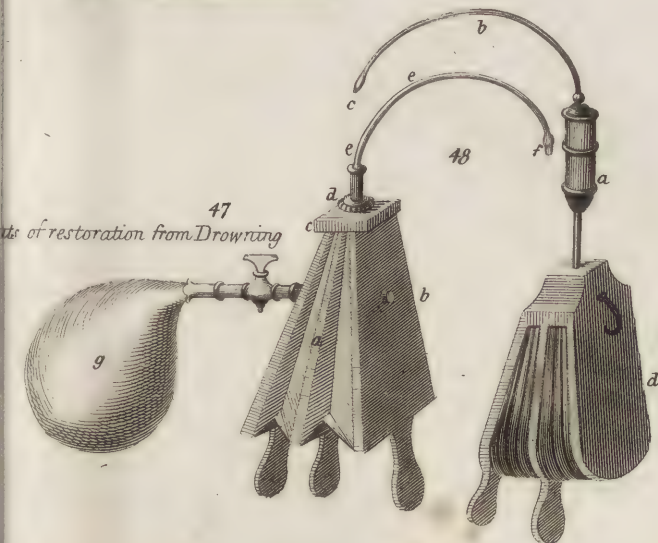
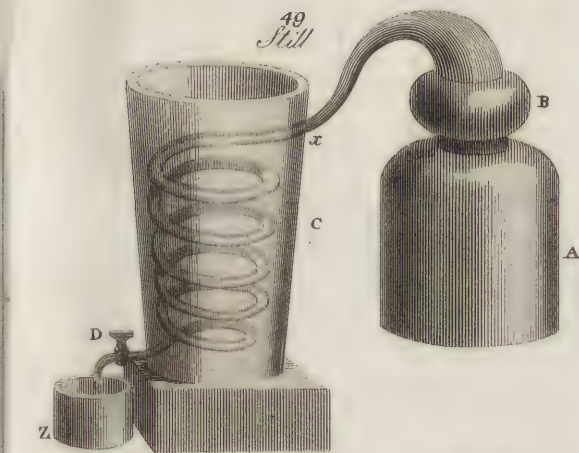
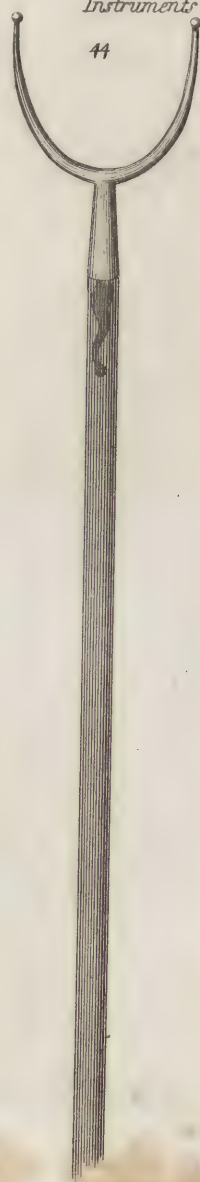
Didon hystrix



MISCELLANIES.



Instruments for recovering the bodies of Drowned Persons





Halley's Diving Bell.

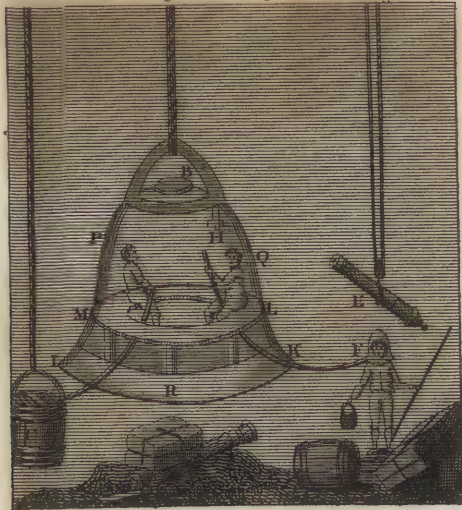


Fig. 50.

MISCELLANIES.

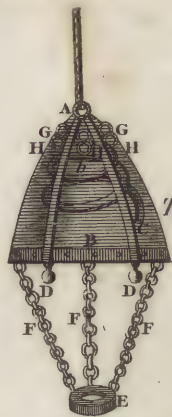


Fig. 51.



Fig. 53.



Fig. 54.

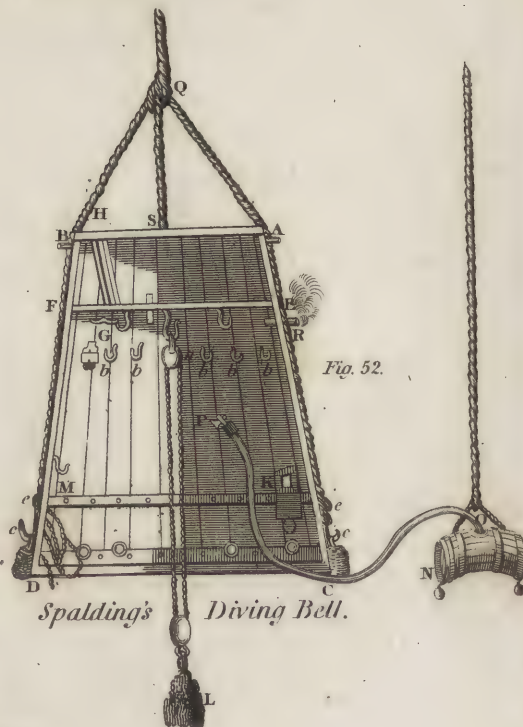


Fig. 52.

Divisibility of Matter.

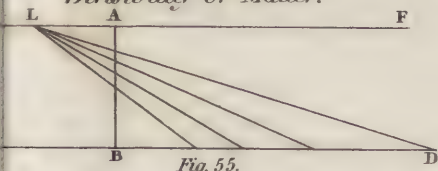


Fig. 55.

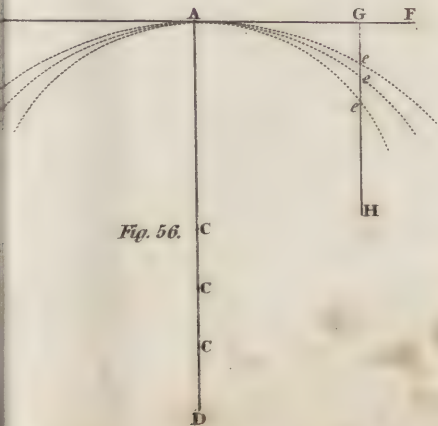
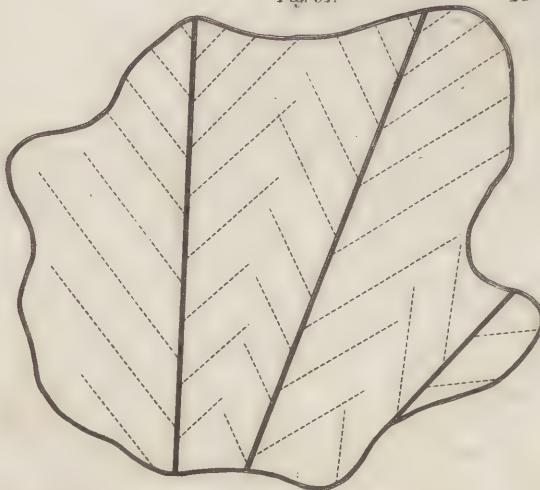


Fig. 56.

Fig. 61.



Drains.

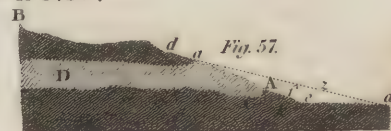


Fig. 57.

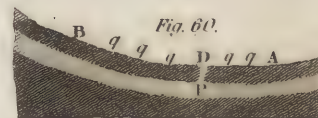


Fig. 60.

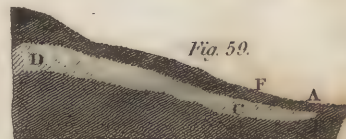


Fig. 59.

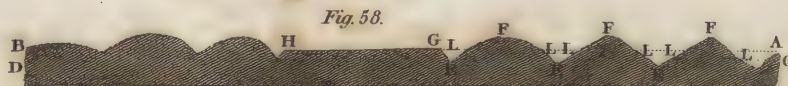


Fig. 58.





DRAWING.







Mars



Minerva



Apollo

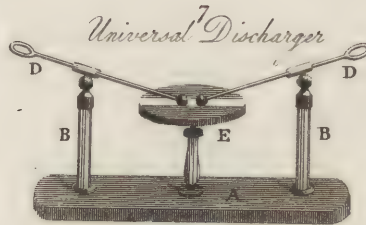
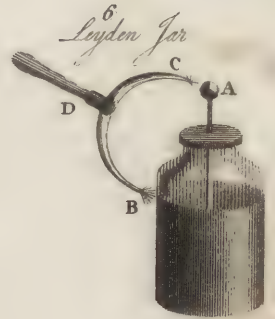
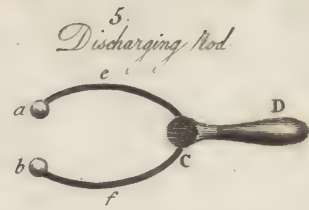
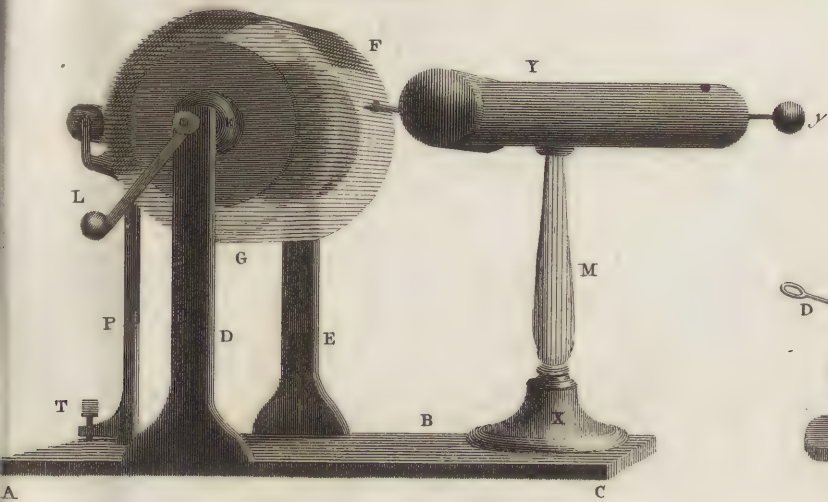


Venus

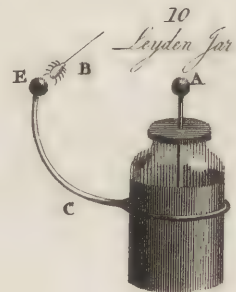
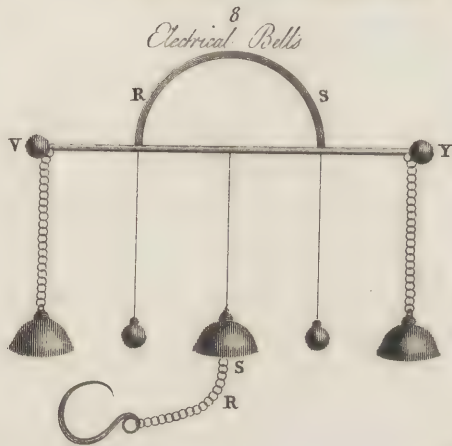
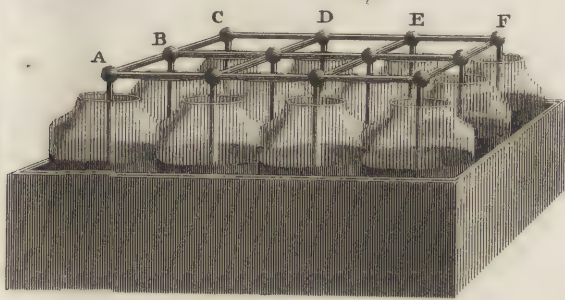


ELECTRICITY.

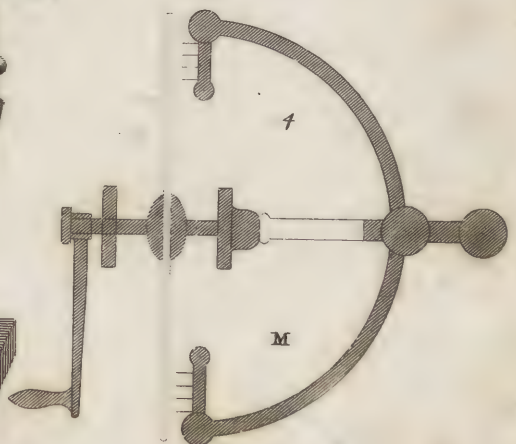
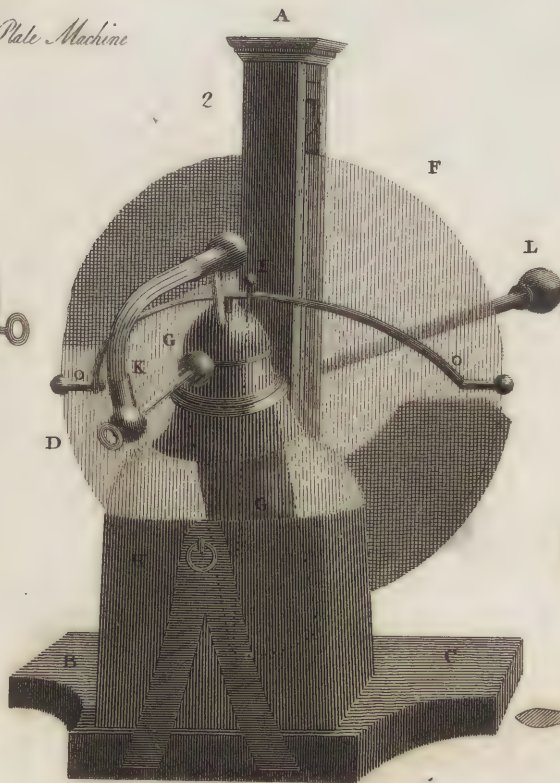
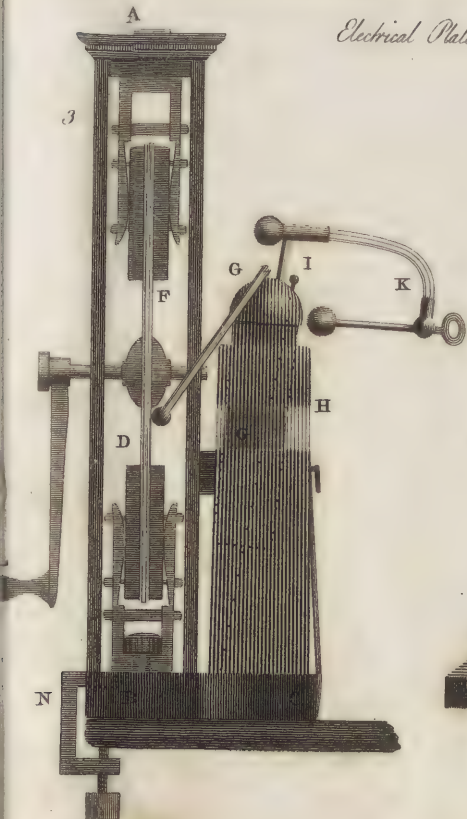
1
Electrical Machine



12
Battery



Electrical Plate Machine





ELECTRICITY.

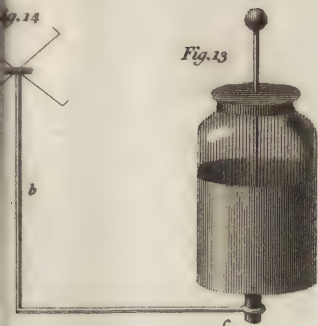


Fig. 13

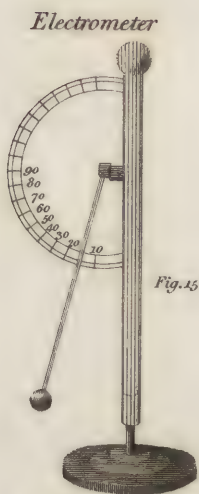
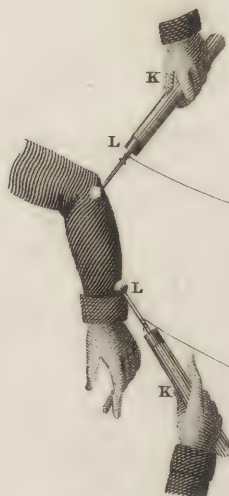


Fig. 15



Medical Electricity

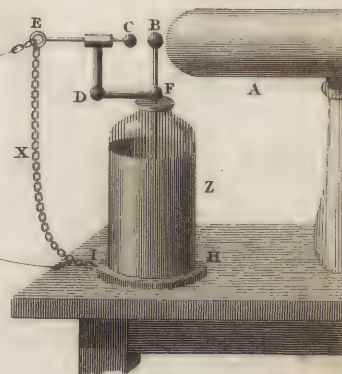


Fig. 16

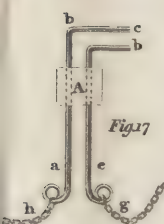


Fig. 17

Bennets Electrometer

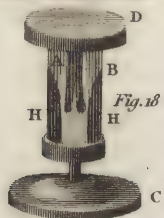


Fig. 18



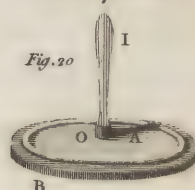
Cavallo's Electrometer

Fig. 19



Electrophorus

Fig. 20



Electrical Attraction

Fig. 21

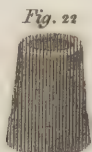


Fig. 22

Electrical Orrery

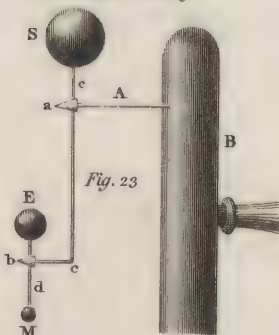


Fig. 23

Electrical Mill

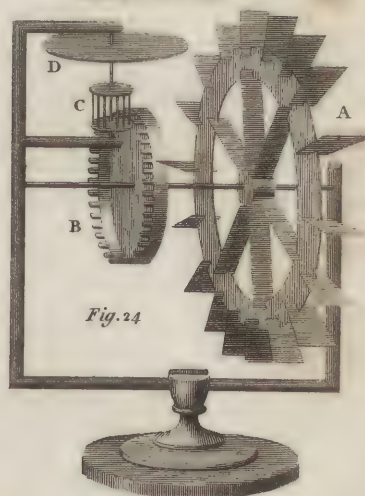


Fig. 24

Spiral Tube

Fig. 25



Electrical Jar



Fig. 26

Thunder House

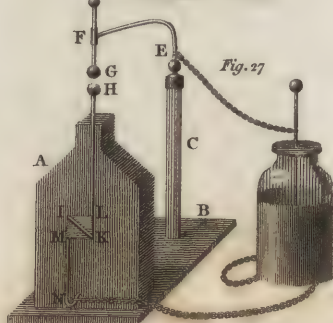


Fig. 27

Luminous Conductor

Fig. 28







169

Didus ingitus
Hooded Merganser



170

Dionaea muscipula
Venus Fly-trap



171

Diospyros Virginiana



172

Donax rugosa

176



Elephas maximus



173

Dorstenia contrajerva



174

Draco volans
Flying Dragon



175

Dytiscus marginalis



177

Emberiza ciris
Curlew Bunting



178

Emberiza ciris
Painted Bunting



179

Emberiza nivalis
Snow Bunting



ENGINES.

Pressure Engine.

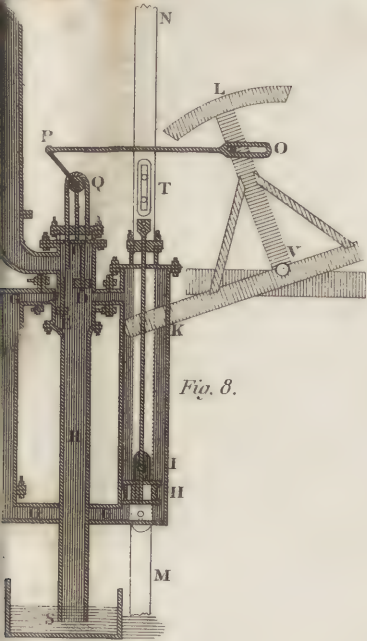


Fig. 8.

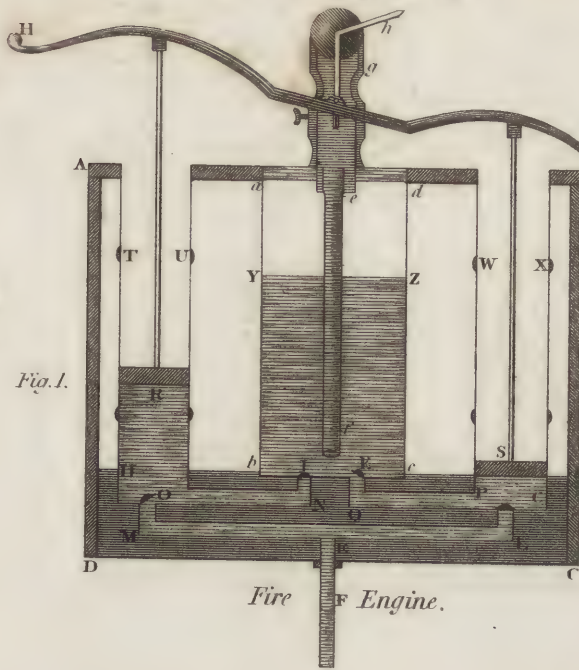


Fig. 1.

Fire Engine.

Engine to lower Weights.

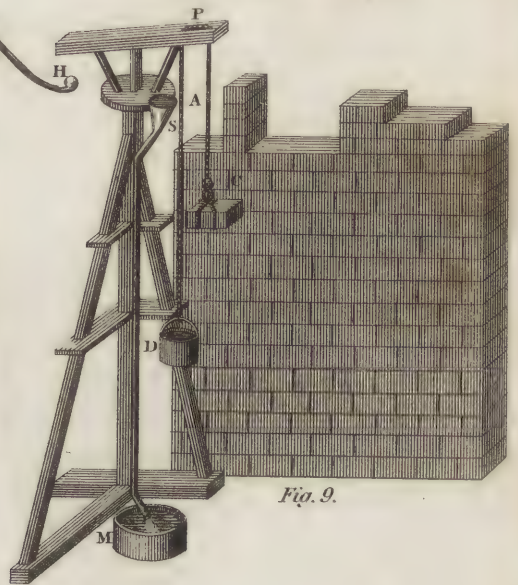


Fig. 9.

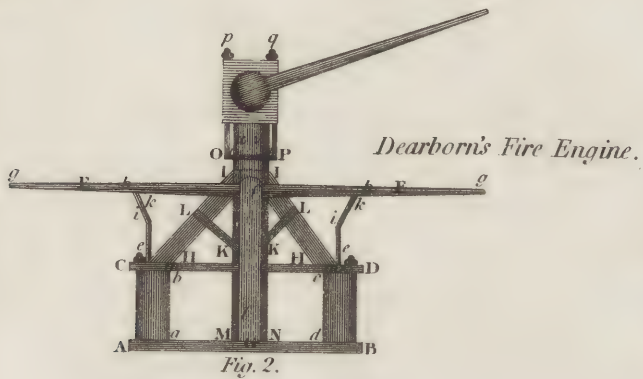


Fig. 2.

Dearborn's Fire Engine.

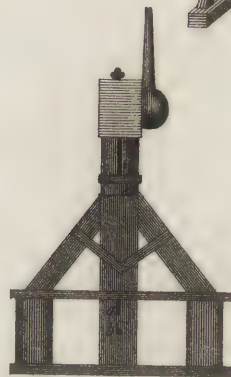


Fig. 3.

Vaulou's Pile Engine.

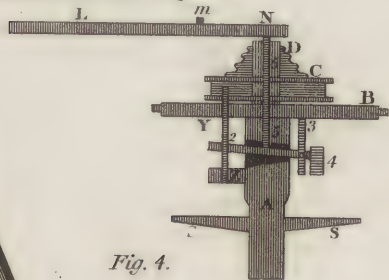


Fig. 4.

Bunce's Pile Engine.

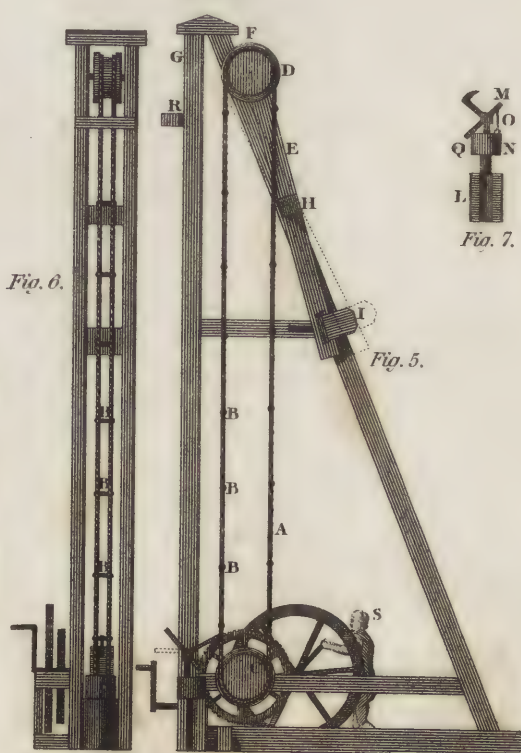
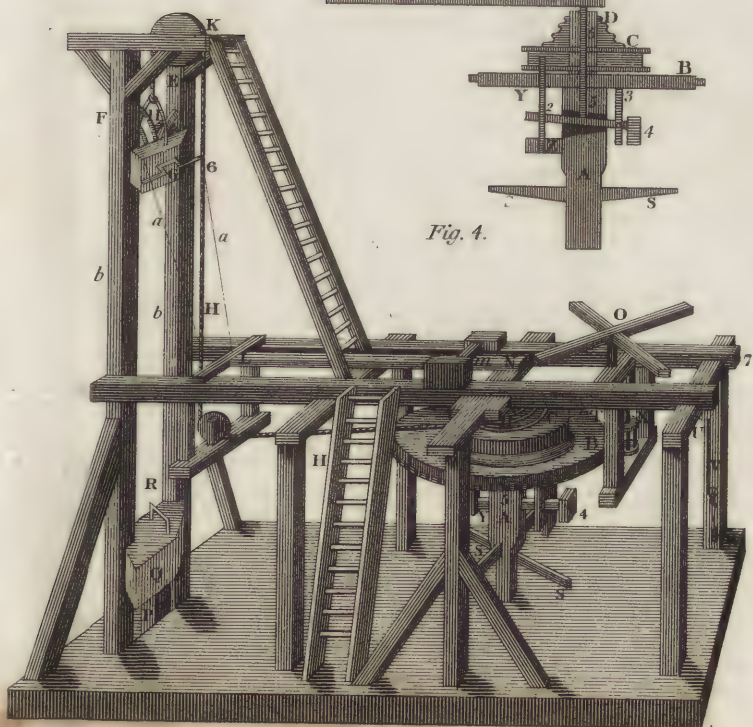


Fig. 6.

Fig. 5.



Fig. 7.

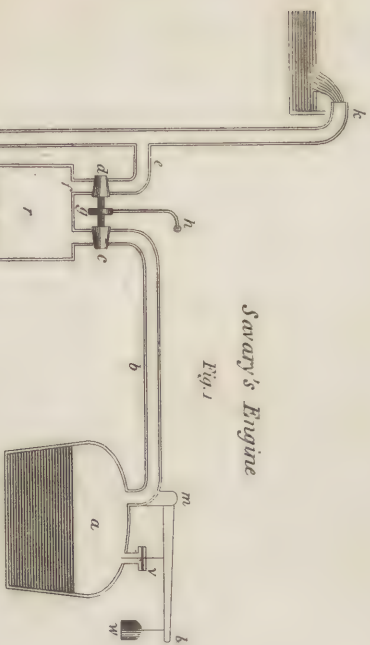




STEAM ENGINES.

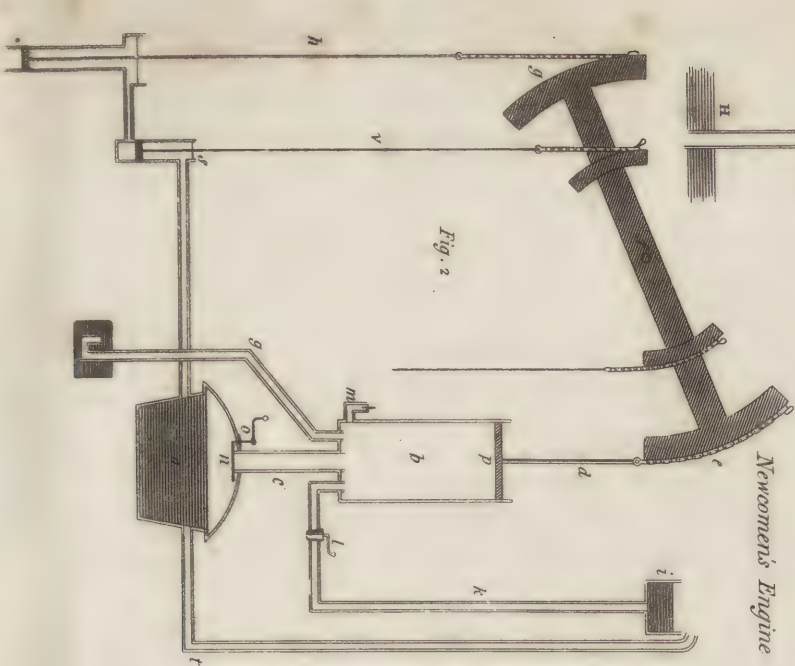
Savery's Engine

Fig. 1



Newcomen's Engine

Fig. 2



Watt's Engine

Fig. 3

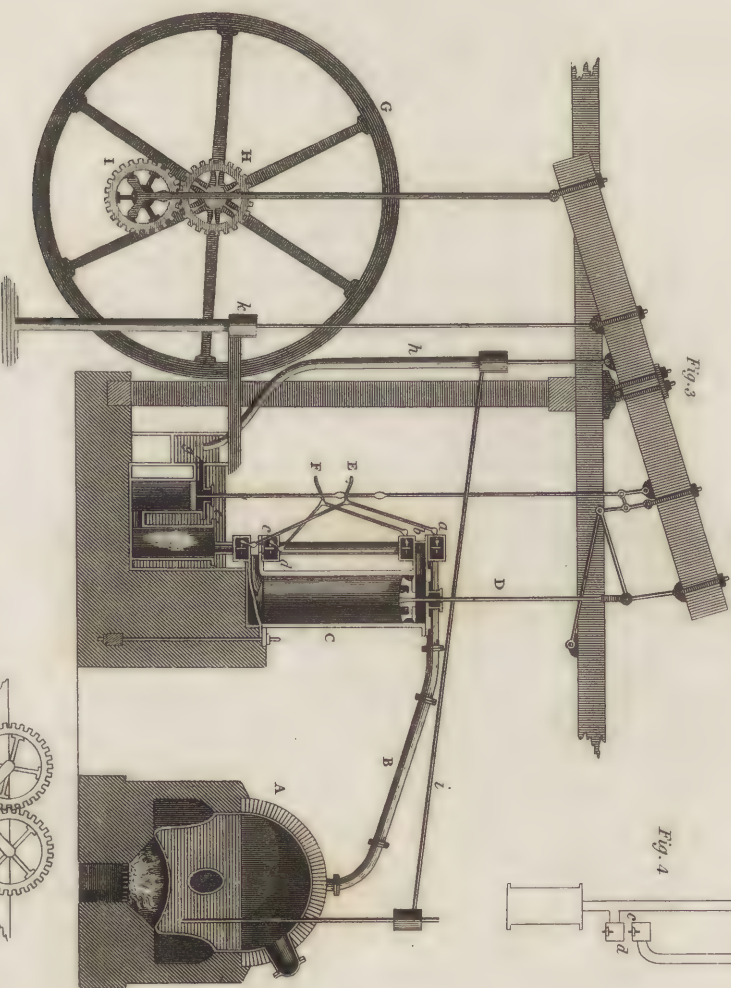
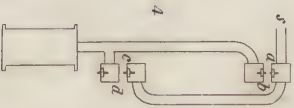


Fig. 4



Carrington's Engine

Fig. 6

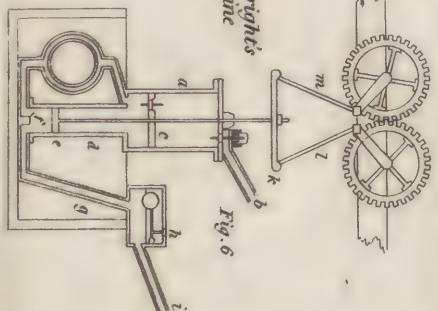
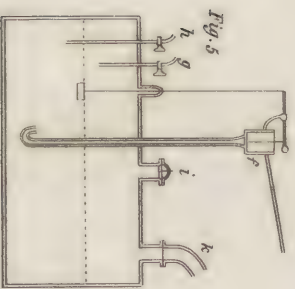


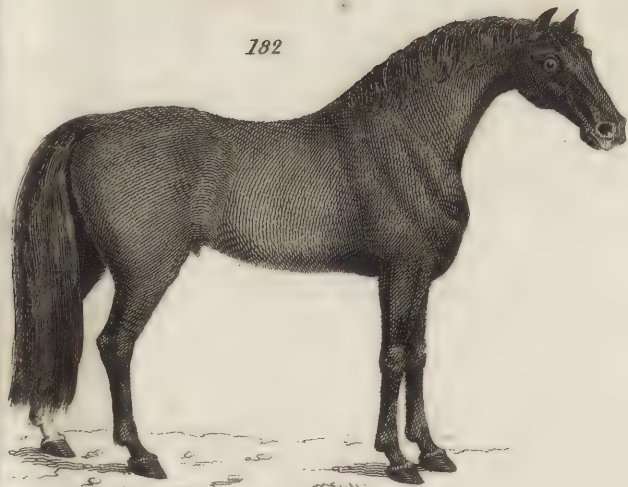
Fig. 5





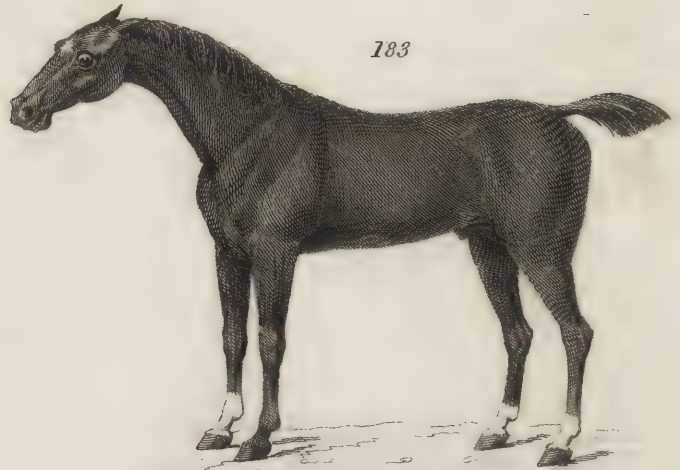
NATURAL HISTORY.
EQUUS.

182



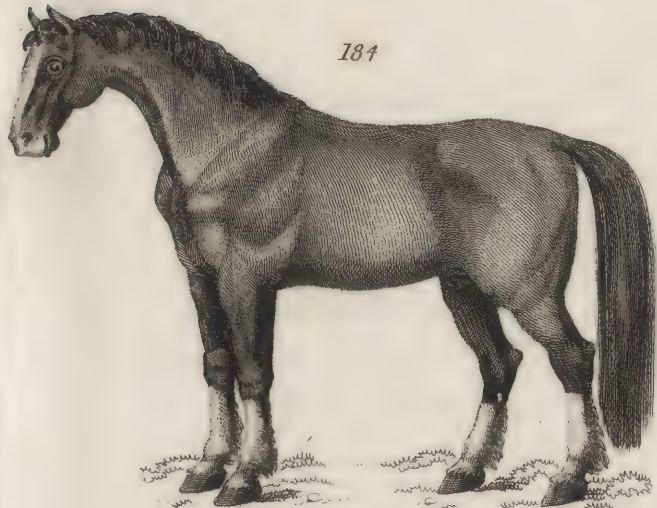
Arabian Horse

183



Race Horse

184



Draft Horse

185



Ass

186



Quagga

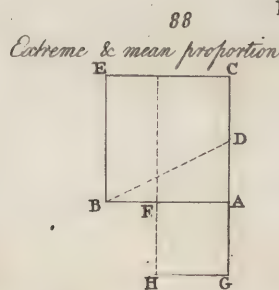
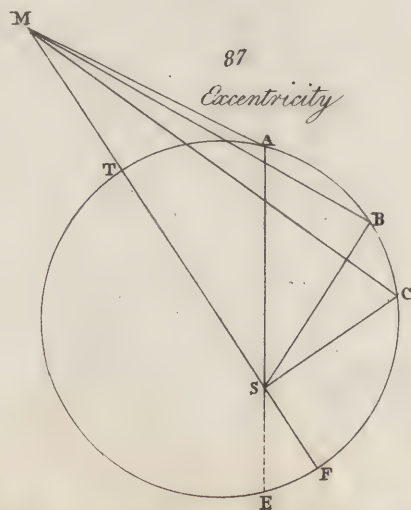
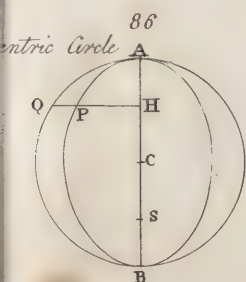
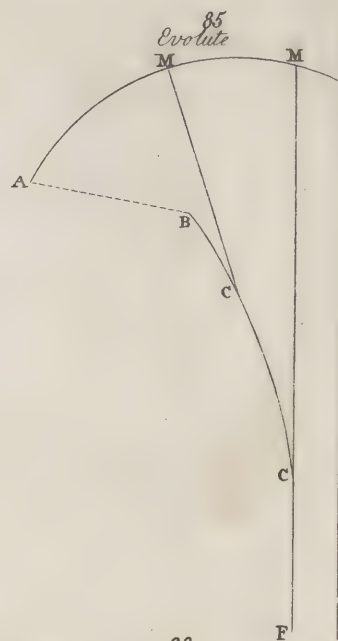
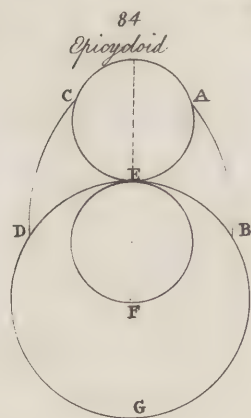
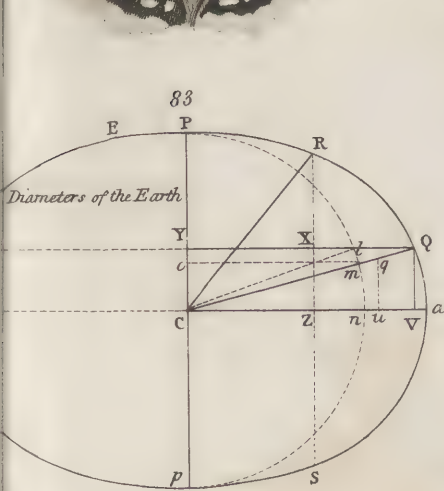
187



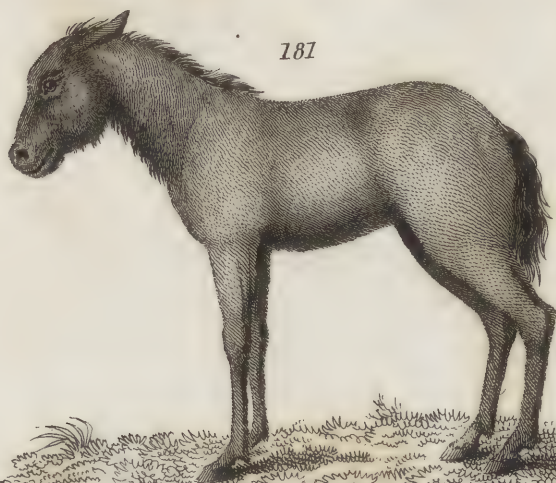
Zebra



MISCELLANIES.



.....



187



188

Erinaceus ecaudata
Madagascar hedgehog



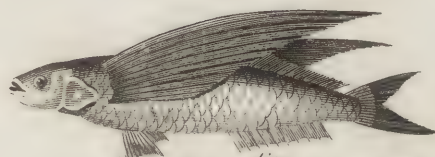
180

Ophemera vulgata



189

Euphorbia officinalis



190

Coccyzus volitans
Flying fish



191

Falco chrysactes
Golden Eagle



193

Falco gallicus
French Eagle



194

Falco haliaetus
Bald Buzzard



192

Falco litho falco
Stone Falcon

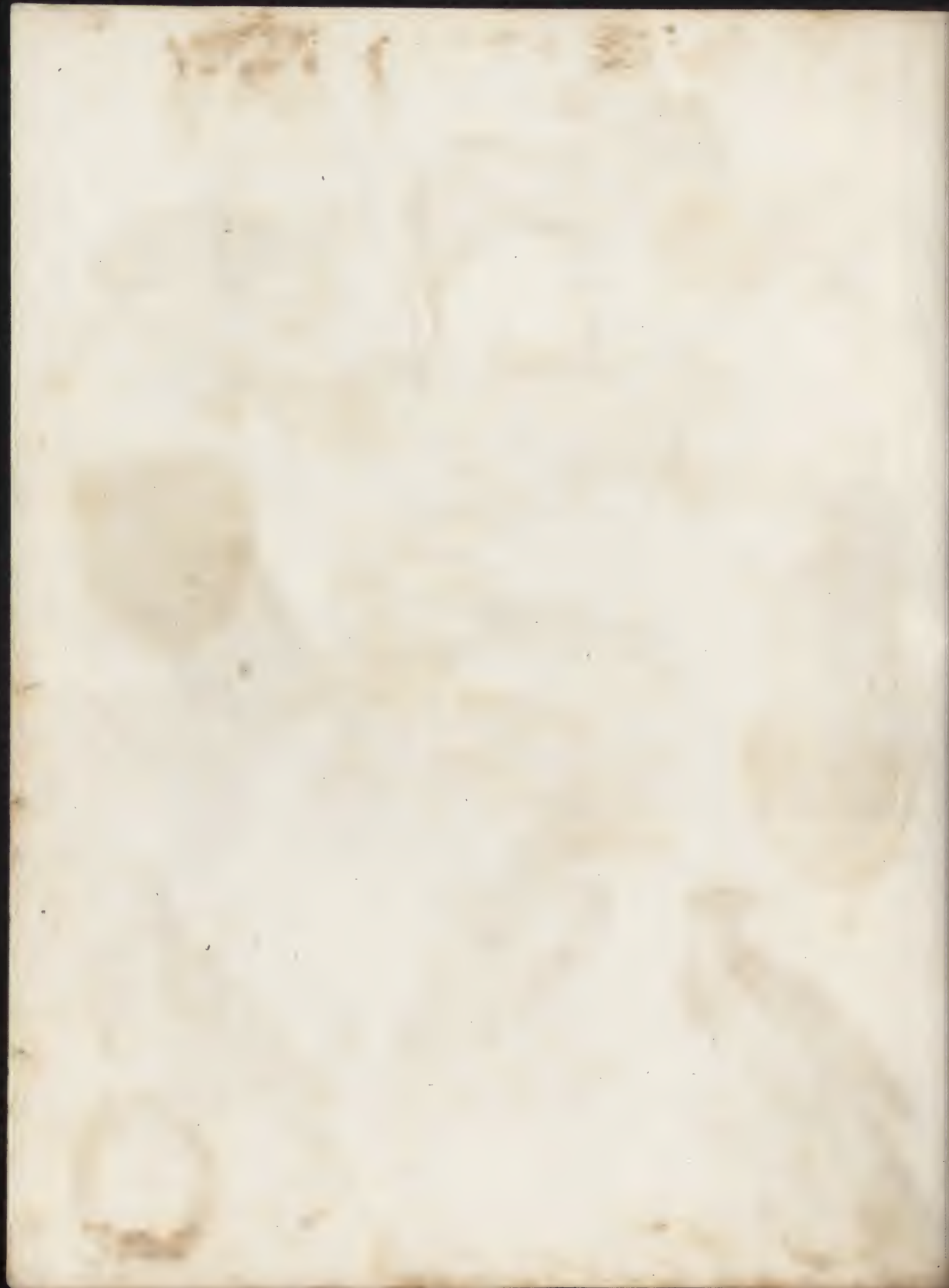


Fig. 1.

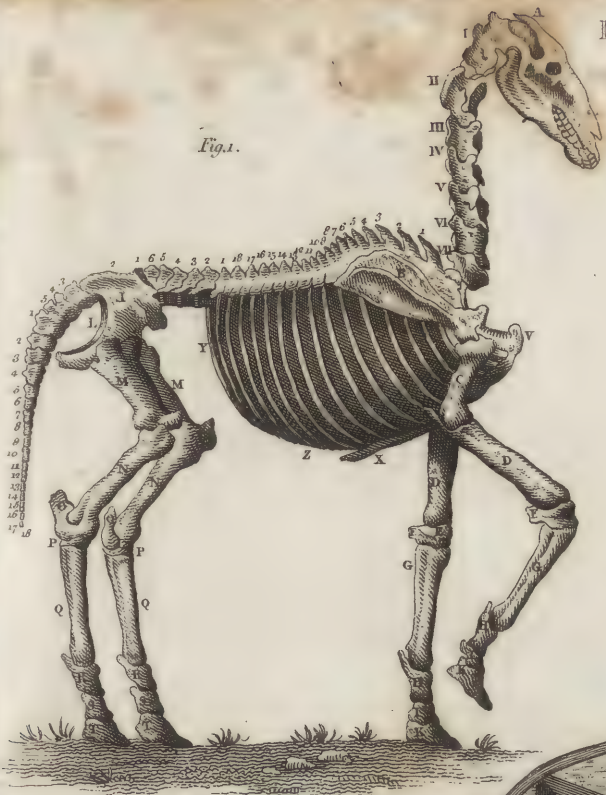


Fig. 2.

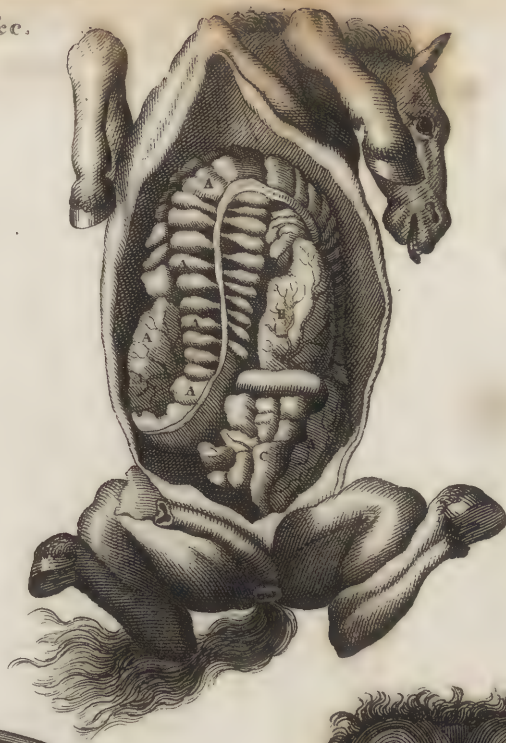


Fig. 5.



Fig. 6.



Fig. 7.

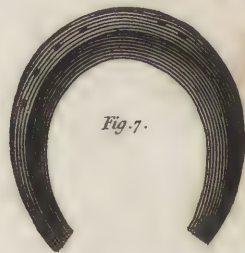


Fig. 8.

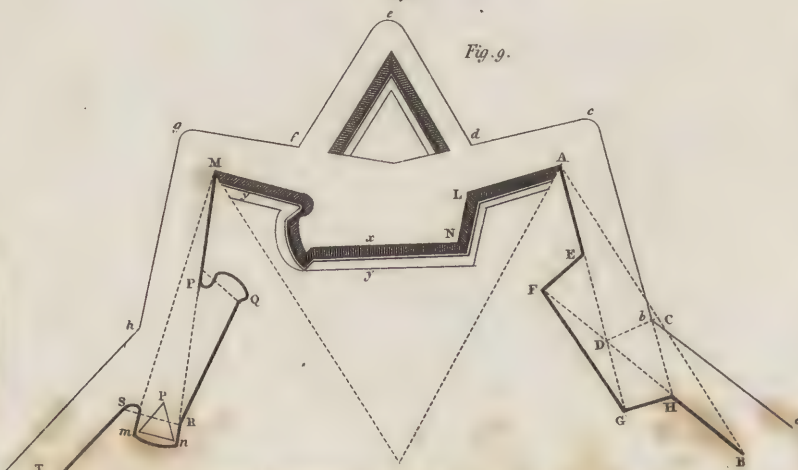


Cooper &c.

Fig. 10.



Fig. 9.



London: Published July 1st 1800 by R. Phillips Bridge Street Blackfriars.

Fig. 3.

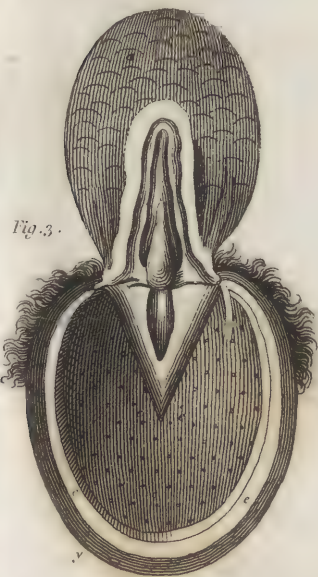
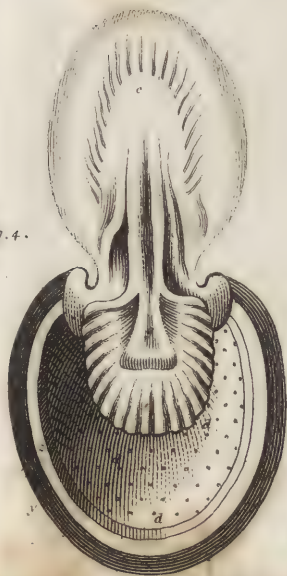


Fig. 4.





195

Falco sacer
Sacre

196

Falco magnirostris
Great billed Falcon

197

Falco milvus
Kite

199

Felis Lynx

200

Felis Leo
Lion

201

Felis Leo
Lioness

203

Felis pardalis
Mexican cat

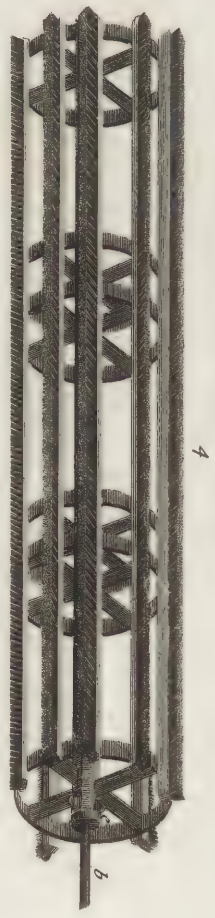
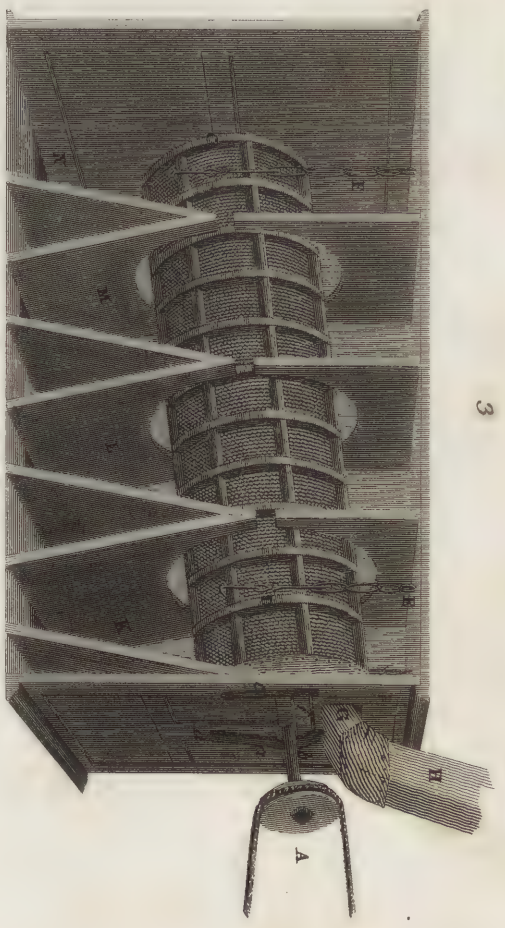
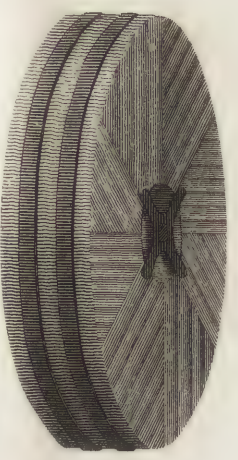
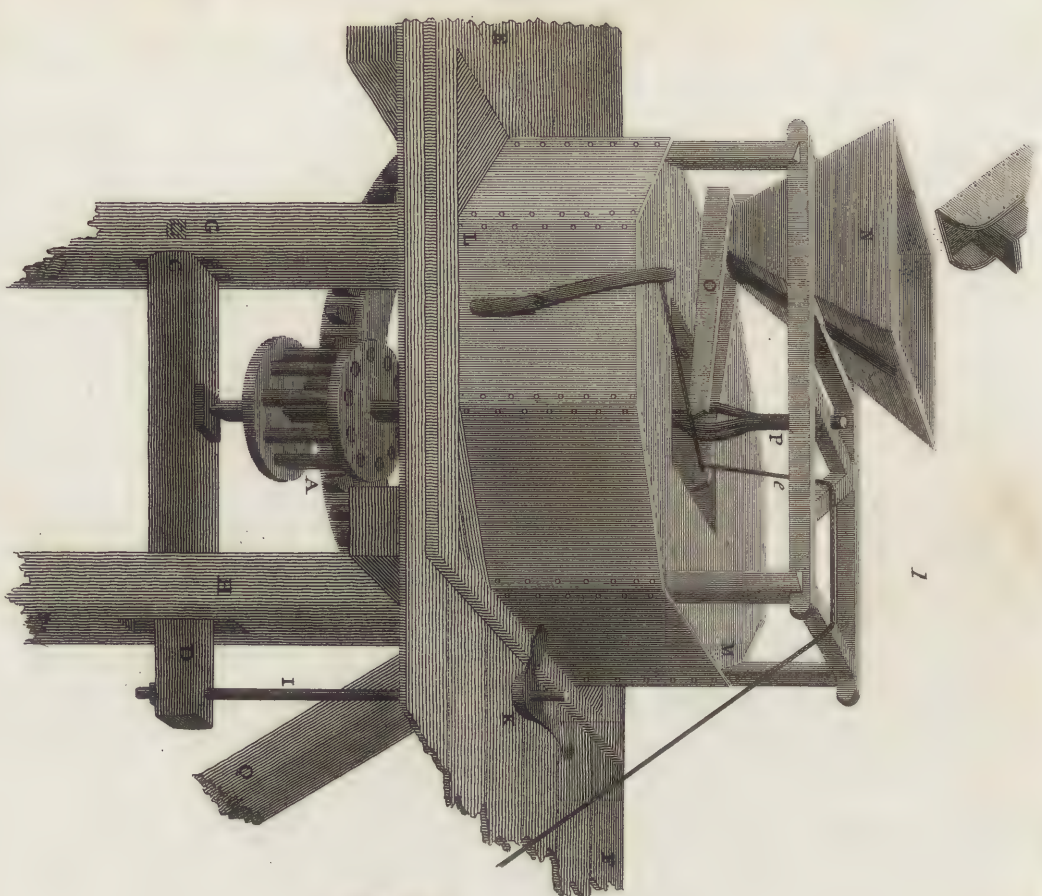
198

Felis Onca
Ocelot

202

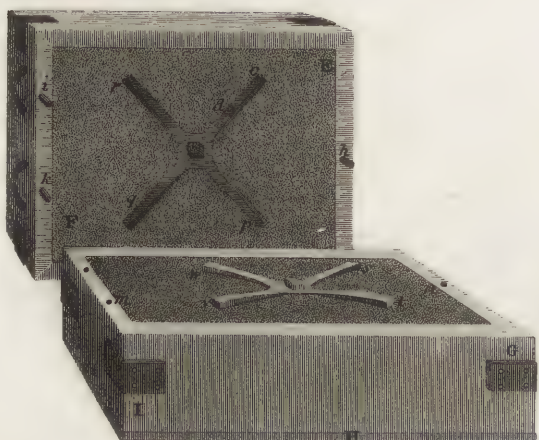
Felis catus
Domestic cat

FLOUR MILLS.





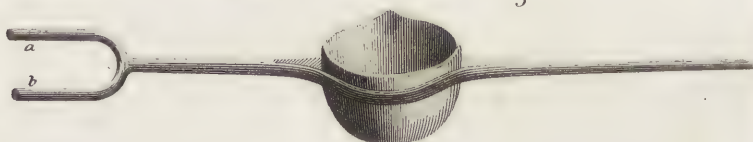
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4



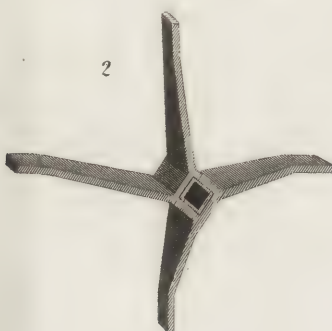
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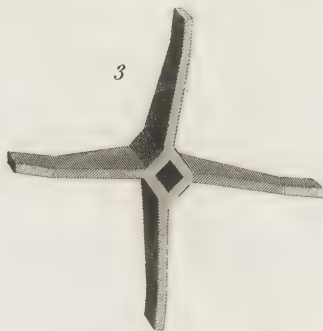
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2



3



7



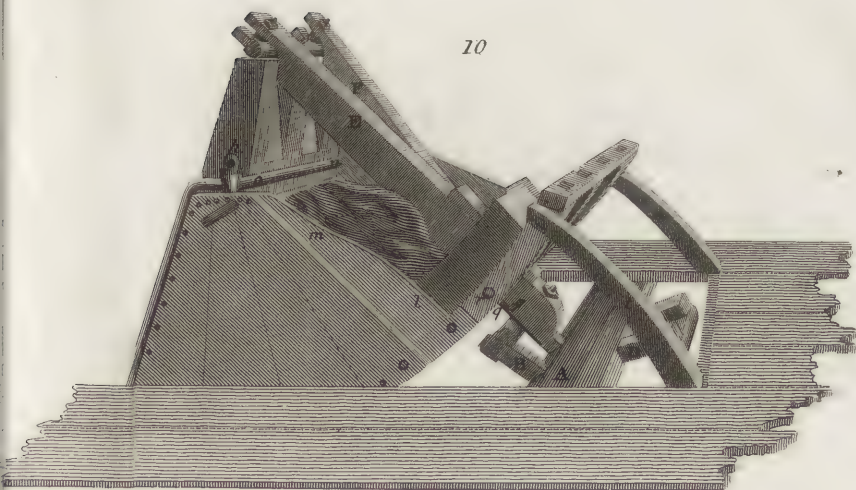
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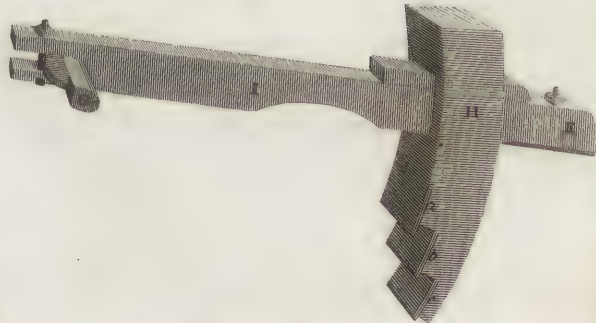
9



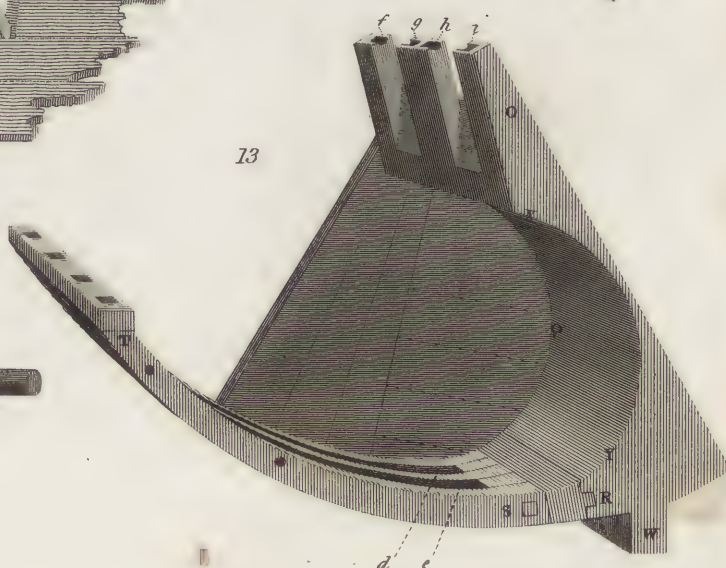
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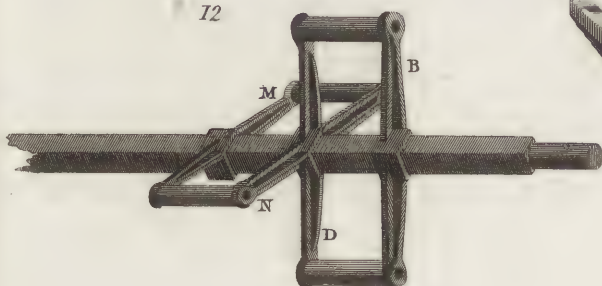
11



13



12





204



Felis tigris
Tiger

205



Felis tigris
Black Tiger

206



Asa foetida
Asa foetida

208



Formica rufa

207



Flos ferri

211



Fulgora latemaria
Lantern fly

209



Fringilla senegala
Senegal Finch

210



Fringilla maja
Ibra Finch

212



Fulica aterrima
Greater coot

213



Fulica chloropus
Moor-hen

Heath Sc.



GALVANISM.

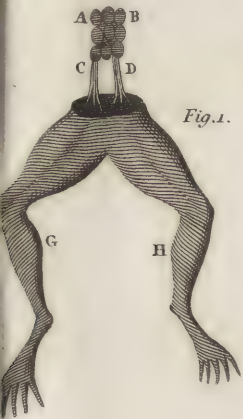


Fig. 1.

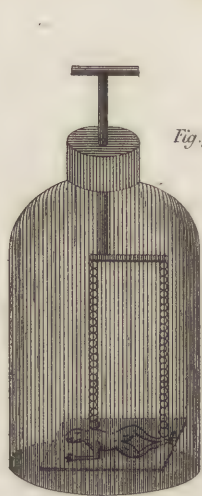


Fig. 3.

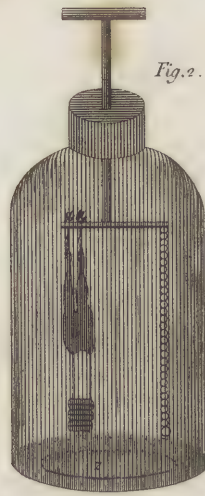


Fig. 2.



Fig. 4.



Fig. 5.

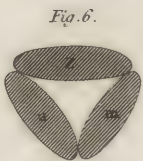


Fig. 6.

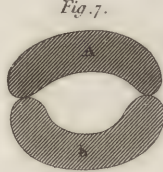


Fig. 7.

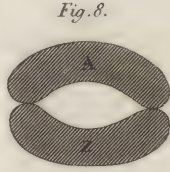


Fig. 8.

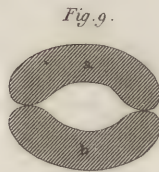


Fig. 9.

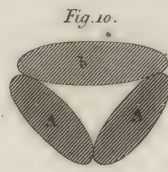


Fig. 10.



Fig. 11.



Fig. 13.

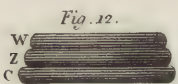


Fig. 12.

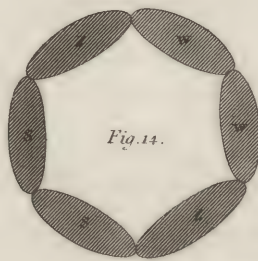


Fig. 14.

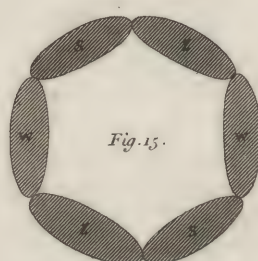


Fig. 15.

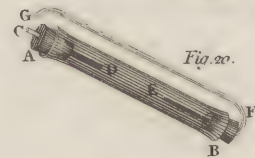


Fig. 20.

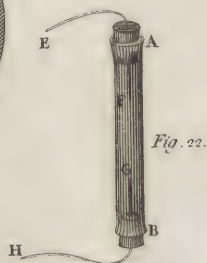


Fig. 22.

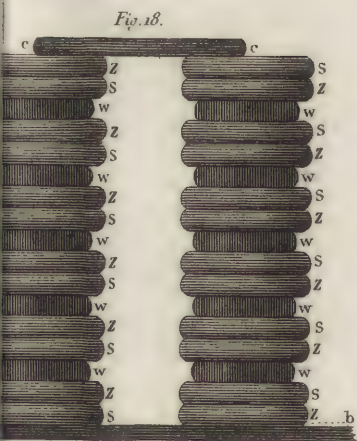


Fig. 18.

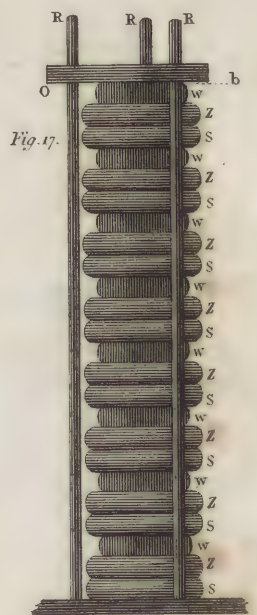


Fig. 17.

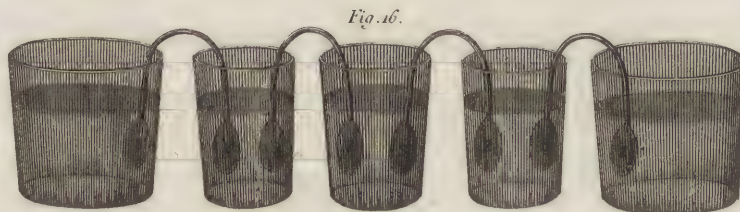


Fig. 16.



Fig. 19.

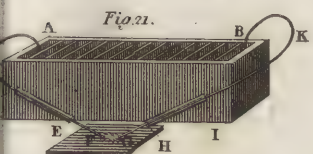


Fig. 21.



Fig. 23.

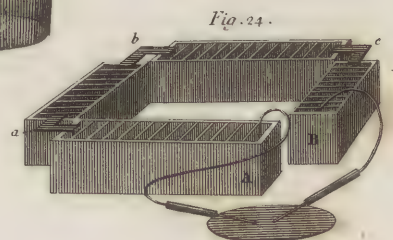


Fig. 24.

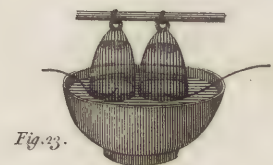
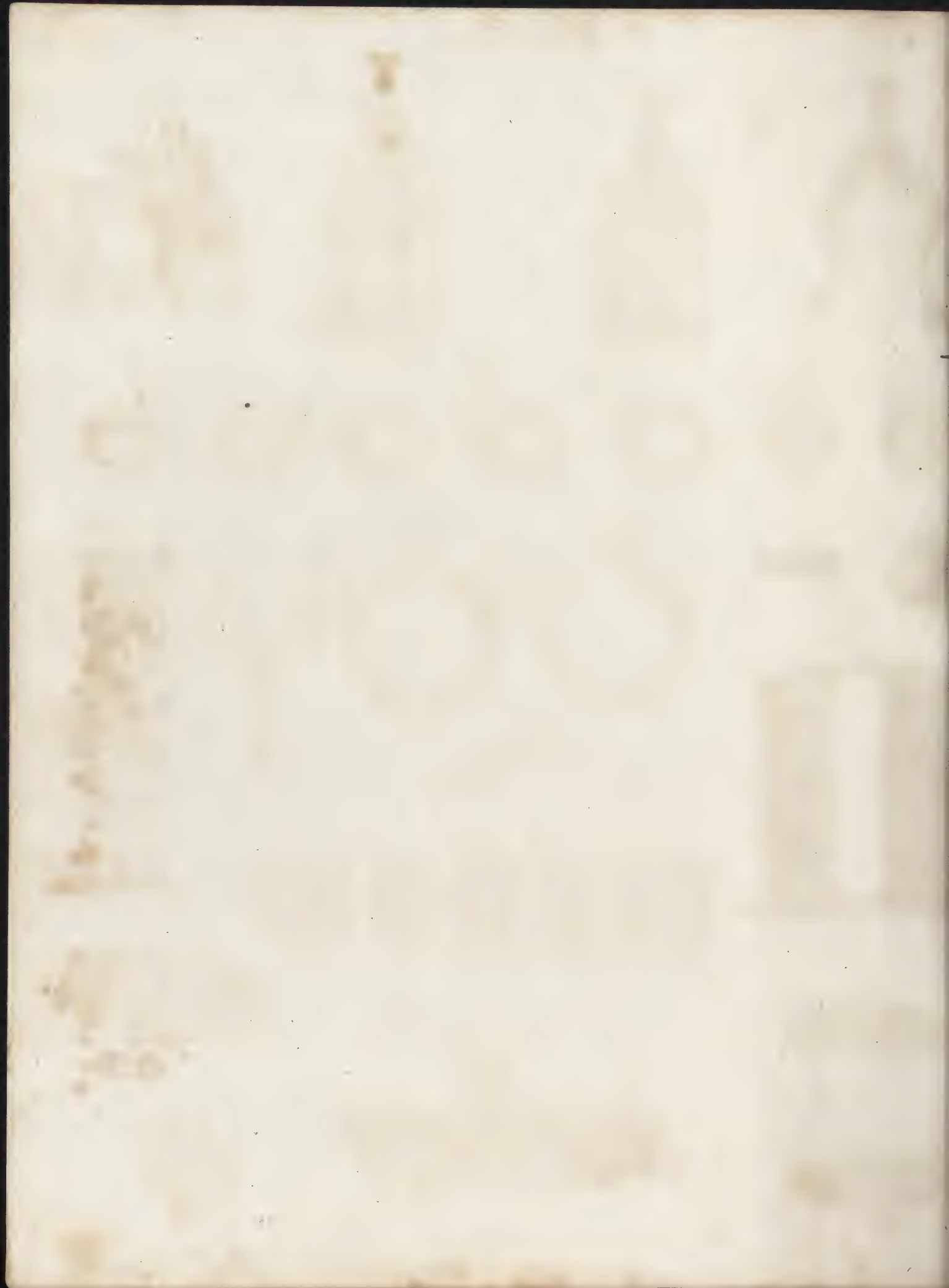
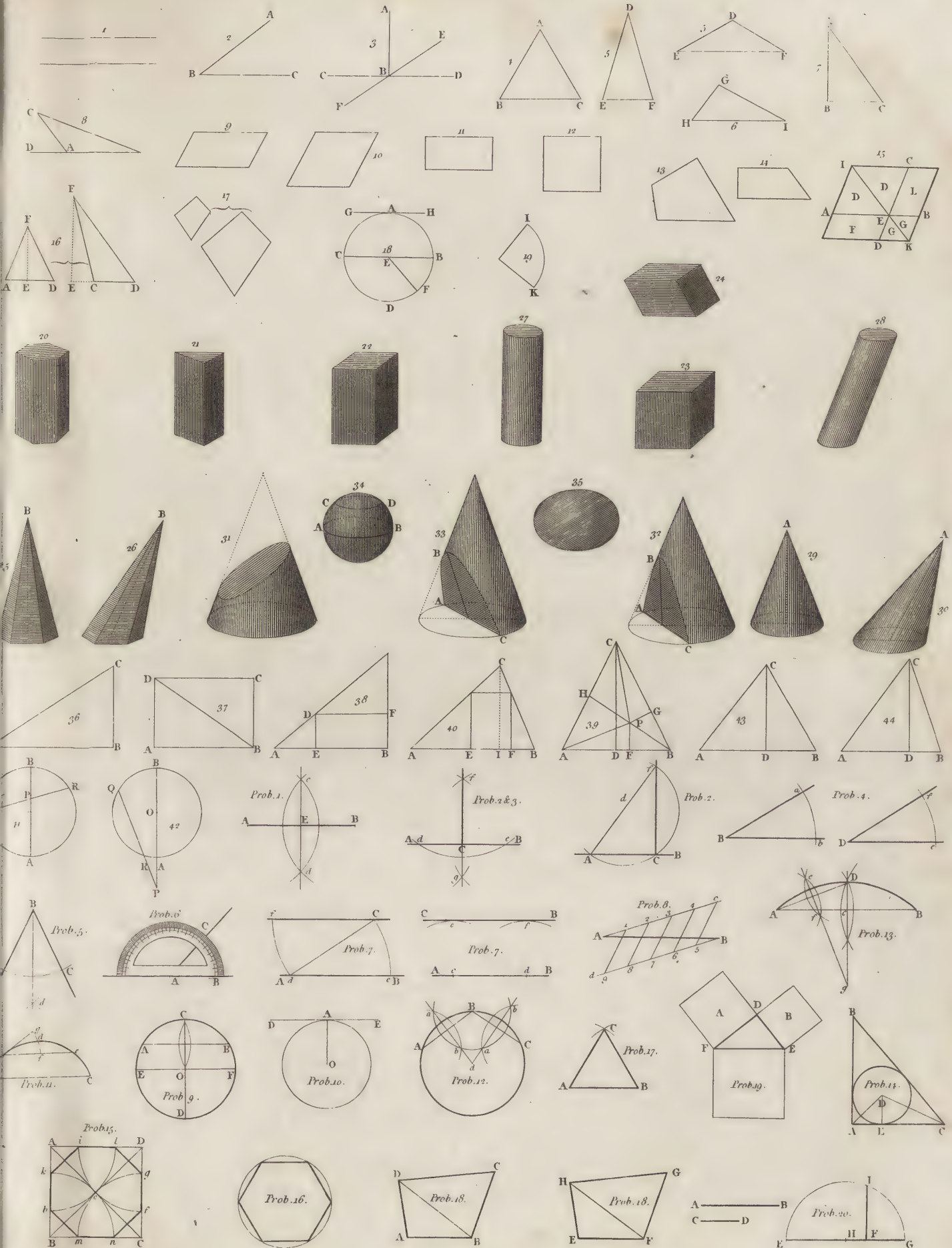
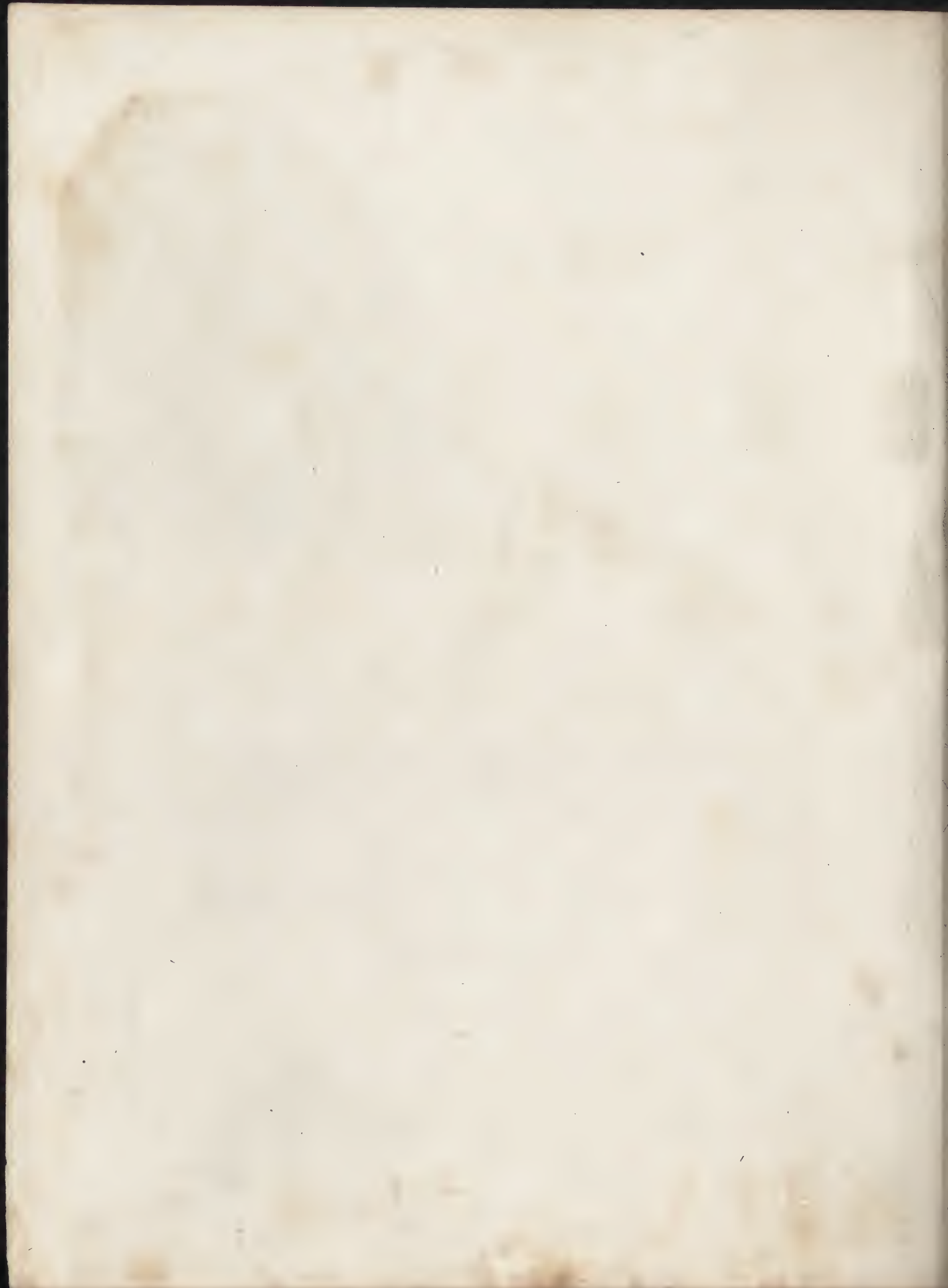


Fig. 25.



GEOMETRY.





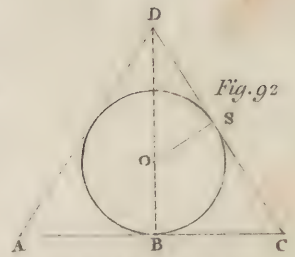
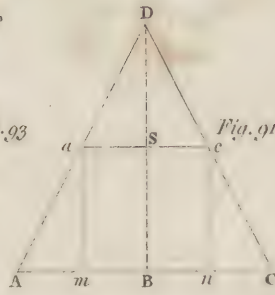
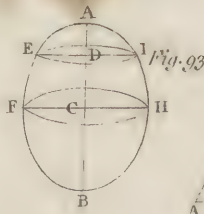
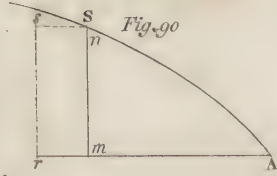
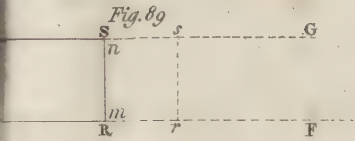
MANUFACTURE OF GLASS.



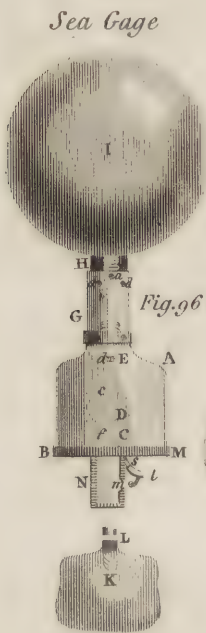
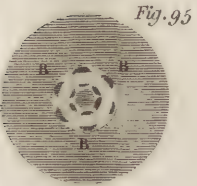


MISCELLANIES.

Fluxions



Friction Rollers



Wind Gage

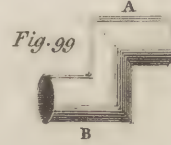
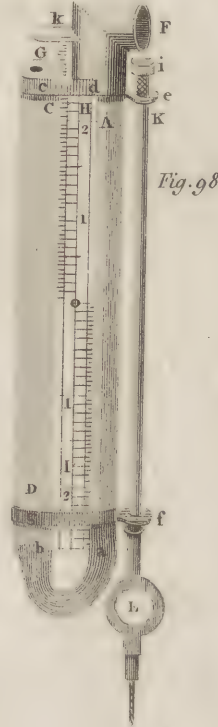
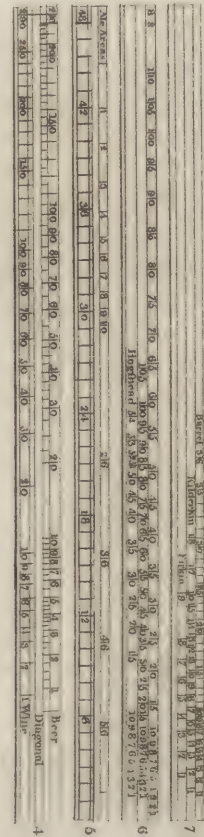
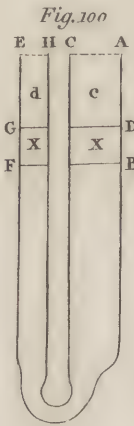
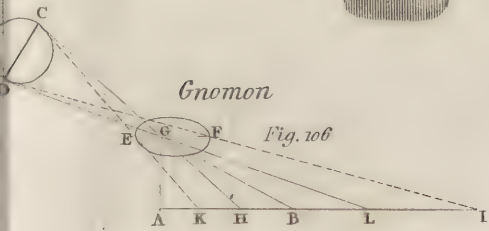


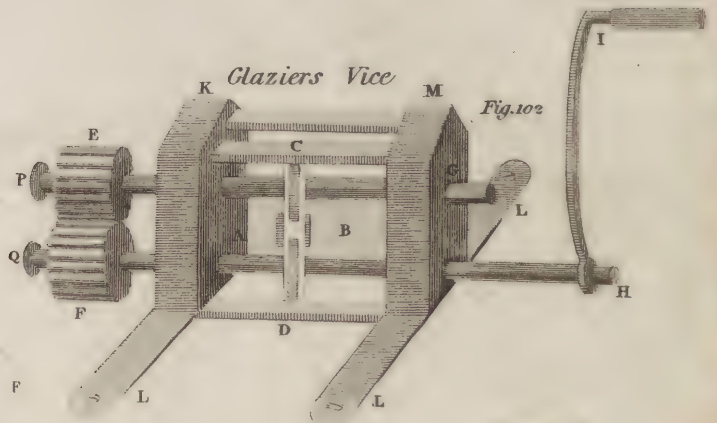
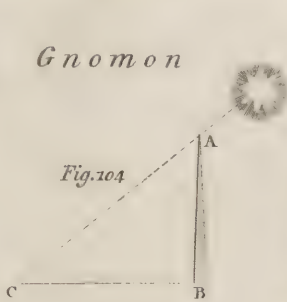
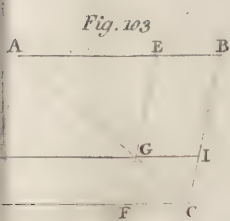
Fig. 101



Four Feet Gauging Rod



Gnomon

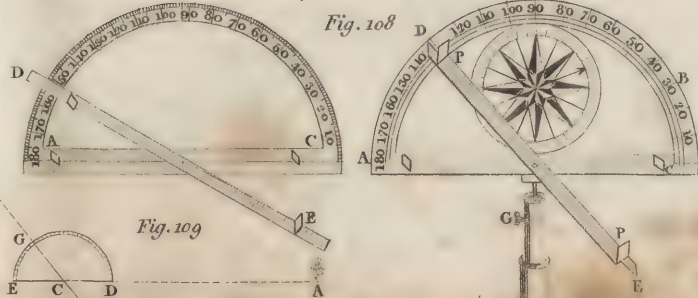


Grappells



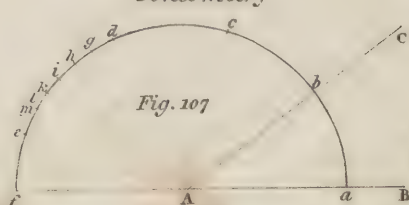
Graphometer

Fig. 108



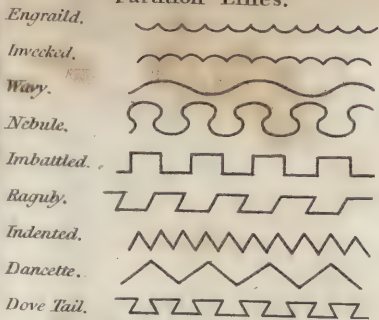
Goniometry

Fig. 107

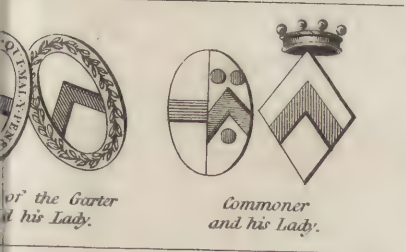
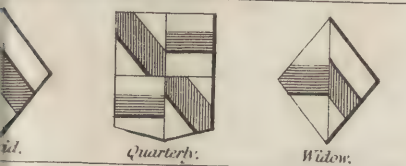
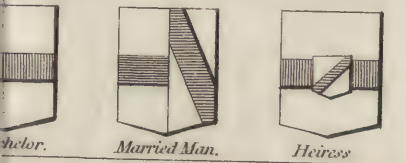
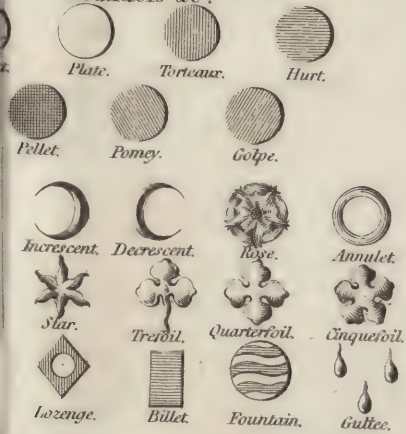




Partition Lines.



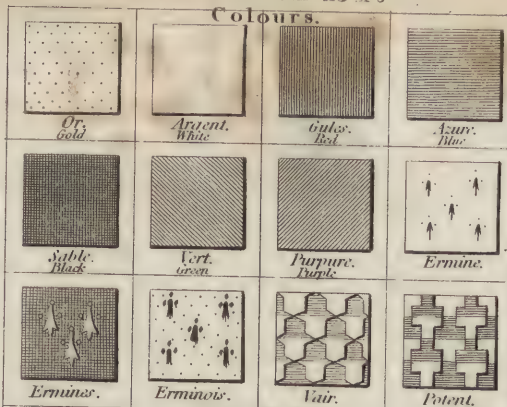
Roundels &c.



Papal Crown.



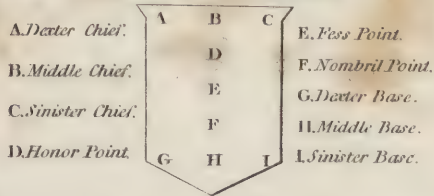
Colours.



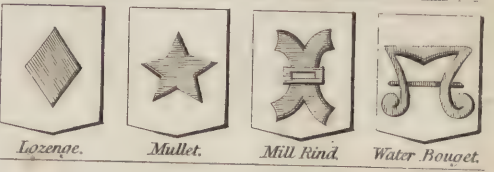
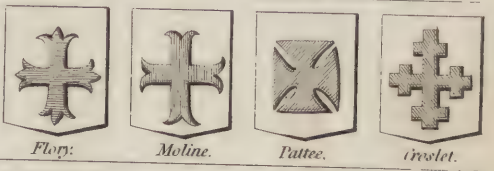
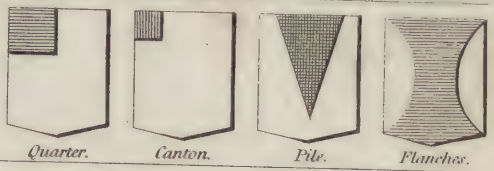
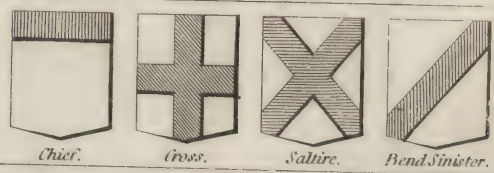
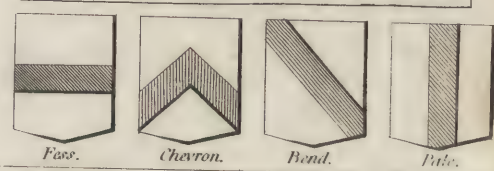
Charges.



Points of the Escutcheon.



Distinctions of Houses.



Gutte or Drops.



Baron.



Earl.



Viscount.



King's Crown & Helmet.



Prince of Wales.



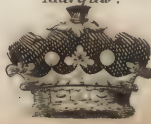
Duke.



Crown of Princes of the Blood Royal.



Marquis.

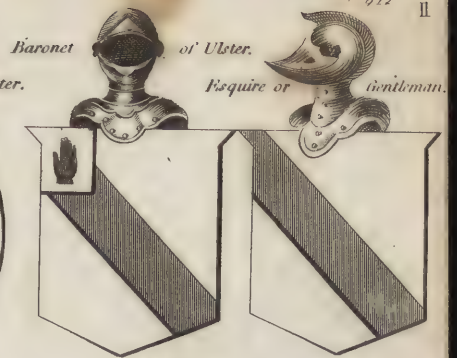




Earl and Baroness in her own Right.



Knight of the Garter.



Baronet of Ulster.

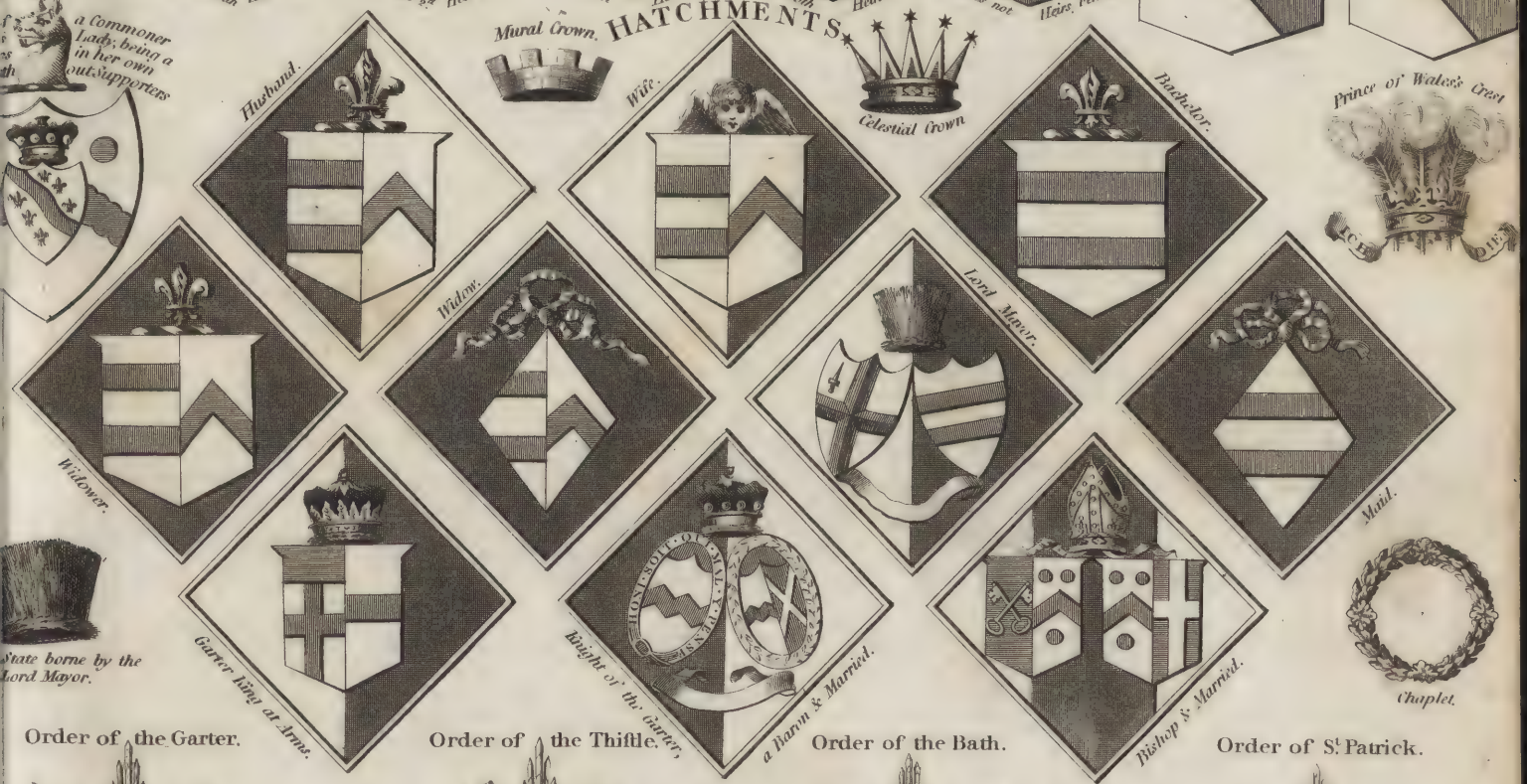
Esquire or Gentleman.

Method of Marshalling the ARMS of the Wife or Wives.



a Commoner Lady, being a in her own out supporters

Mural Crown. HATCHMENTS

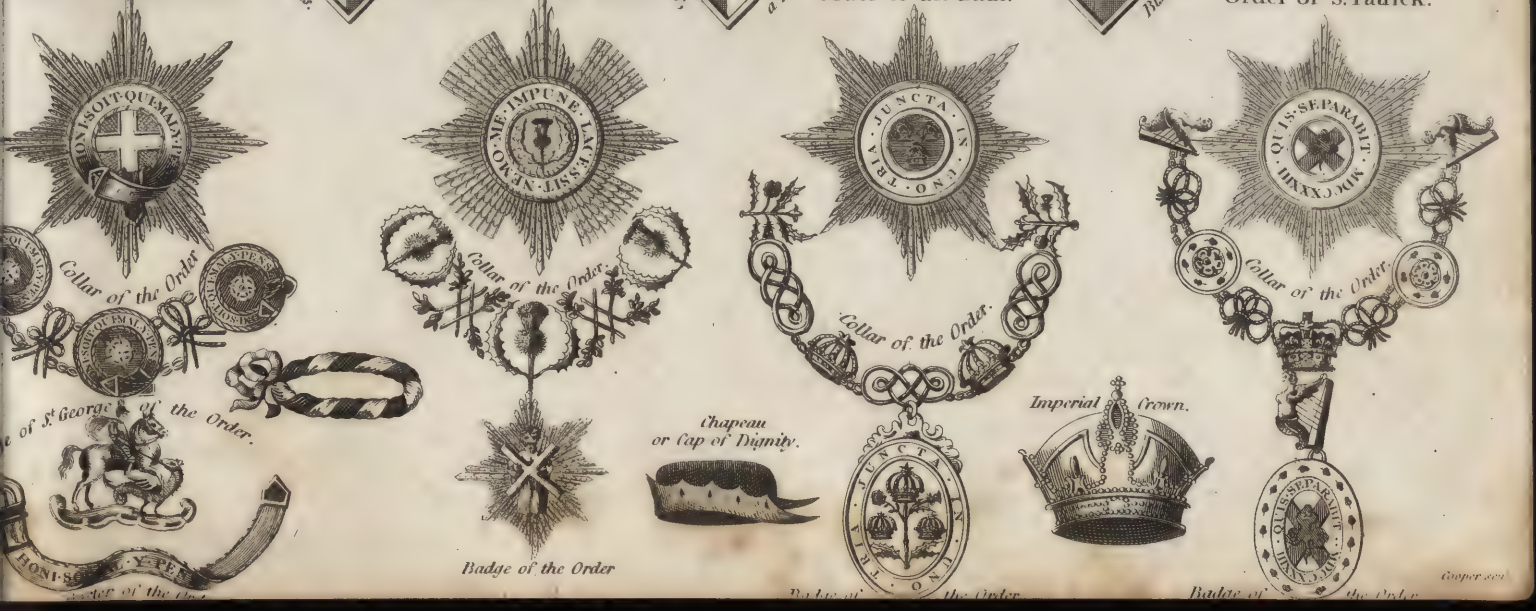


Order of the Garter.

Order of the Thistle.

Order of the Bath.

Order of St. Patrick.



Collar of the Order.

Badge of the Order

Chapeau or Cap of Dignity.

Imperial Crown.

Garter of the Order



Glareola austriaca

214



Gryllus griseus

215



Gryllus stridulus

216



Guaiacum officinale

217



Gymnotus electricus
Electrical eel

218



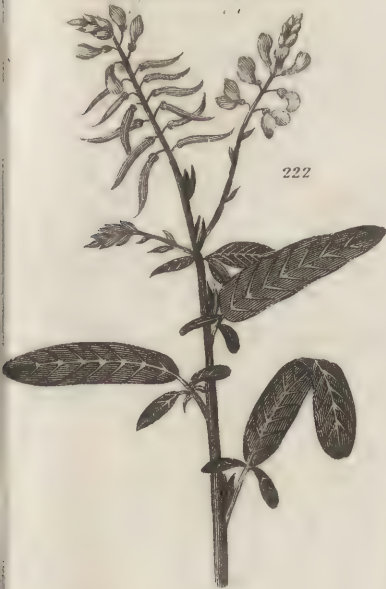
Hornatippus astralegus
Sea pie

219



Nedusarum gyrans

222



Helix aspinum

223



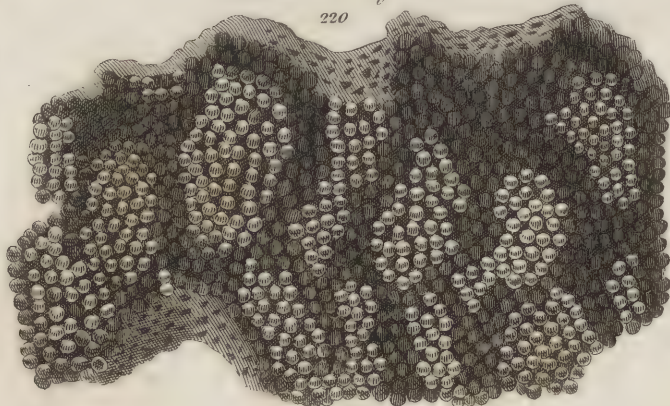
Helix tuberculata

227



Haematites uriformis

220



Hippoboscus equinus

225



Hemerobius perla

224





HUSBANDRY.

GRASSES.

1



Poa pratensis
stalked meadow-grass

2



Festuca duriuscula
Hard fescue grass

3



Festuca pratensis
Meadow fescue grass

4



Lolium perenne
Common rye-grass

5



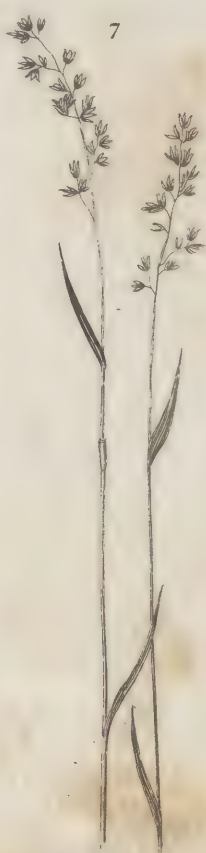
Alopecurus pratensis
Meadow cat-tail grass

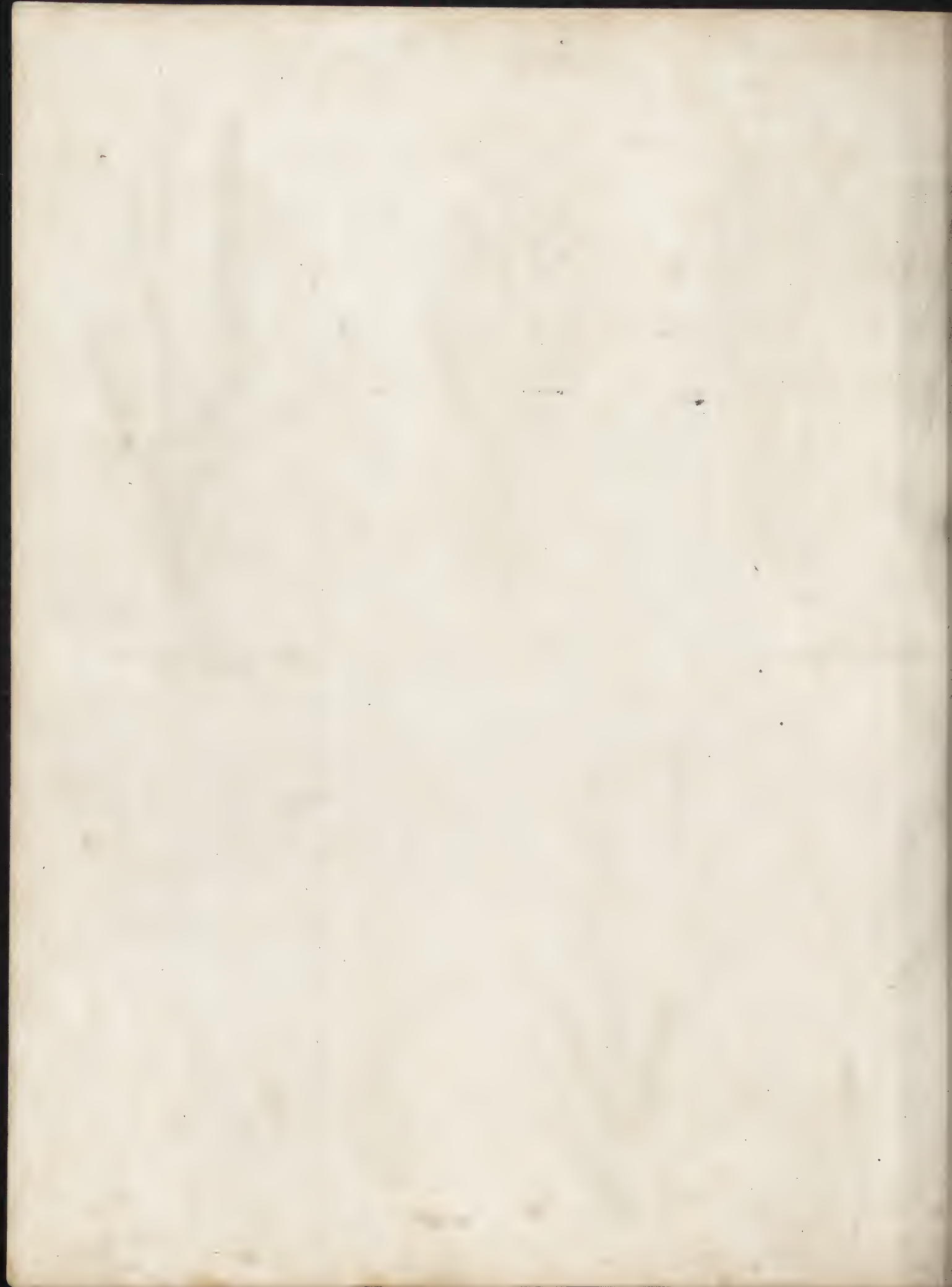
6



Festuca ovina
Sheep fescue grass

7

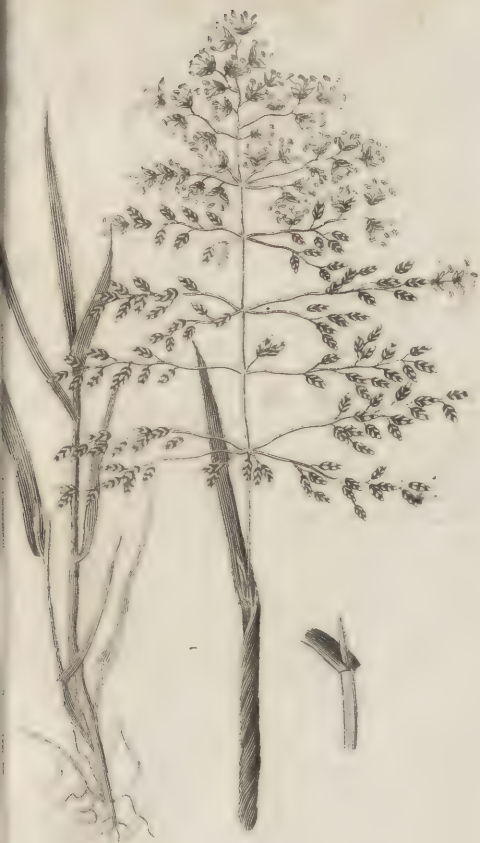




HUSBANDRY.

GRASSES, &c.

8



Poa trivialis
Rough stalked meadow Grass

9



Poa palustris
Marsh meadow Grass

10



Cynosurus cristatus
Crested dog's tail Grass

12



Anthoxanthum odoratum
Sweet scented vernal Grass

11

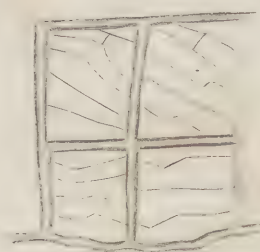


Phleum nodosum
Knotty cat's tail Grass

13

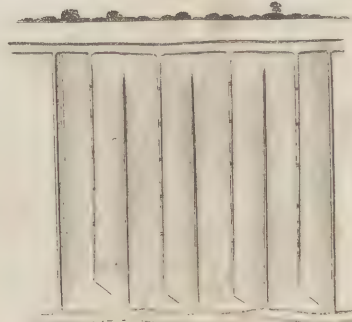


14



Irrigation

15







Somersetshire Plough



Norfolk Plough



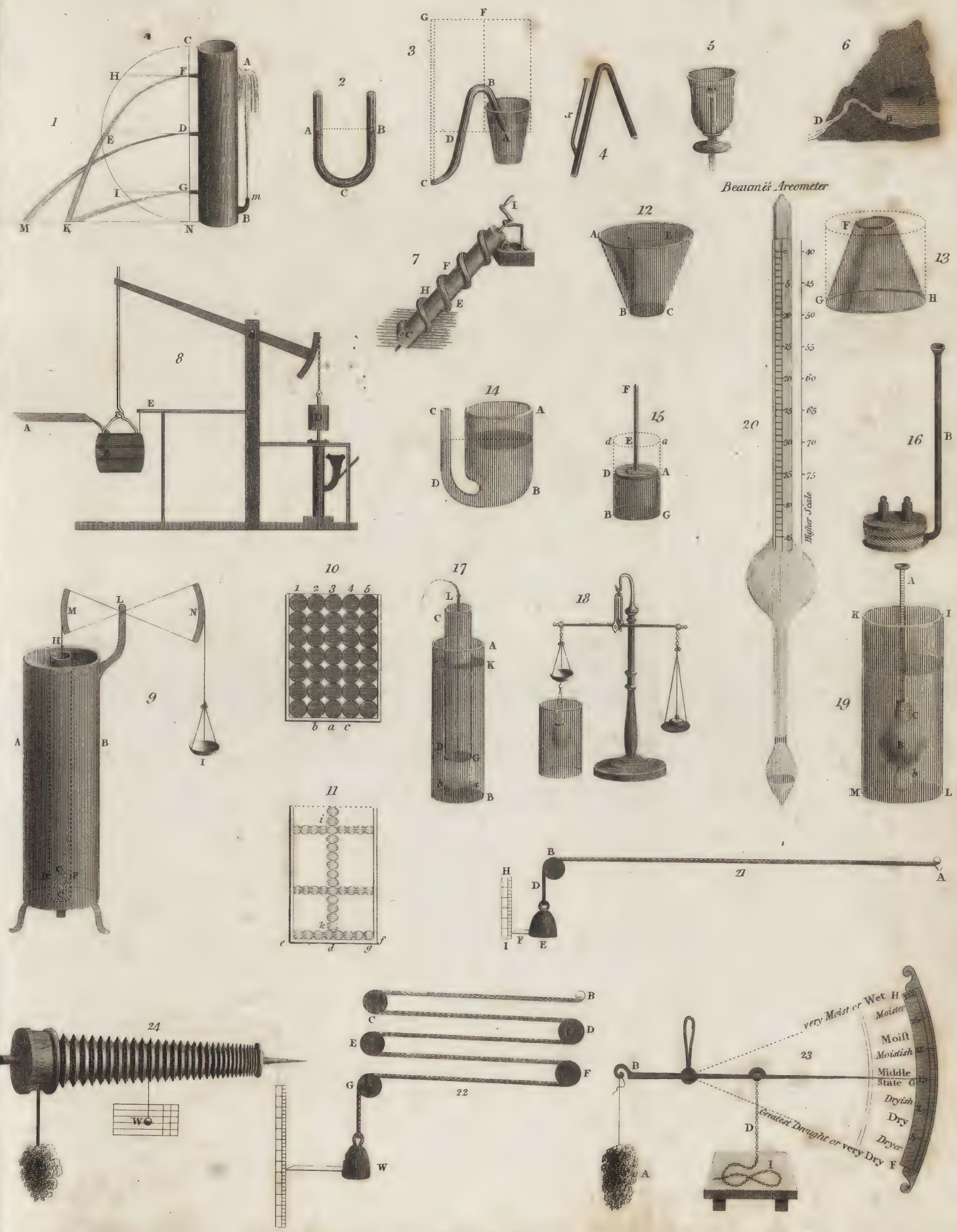
Double furrow Plough



Horns' sowing Machine

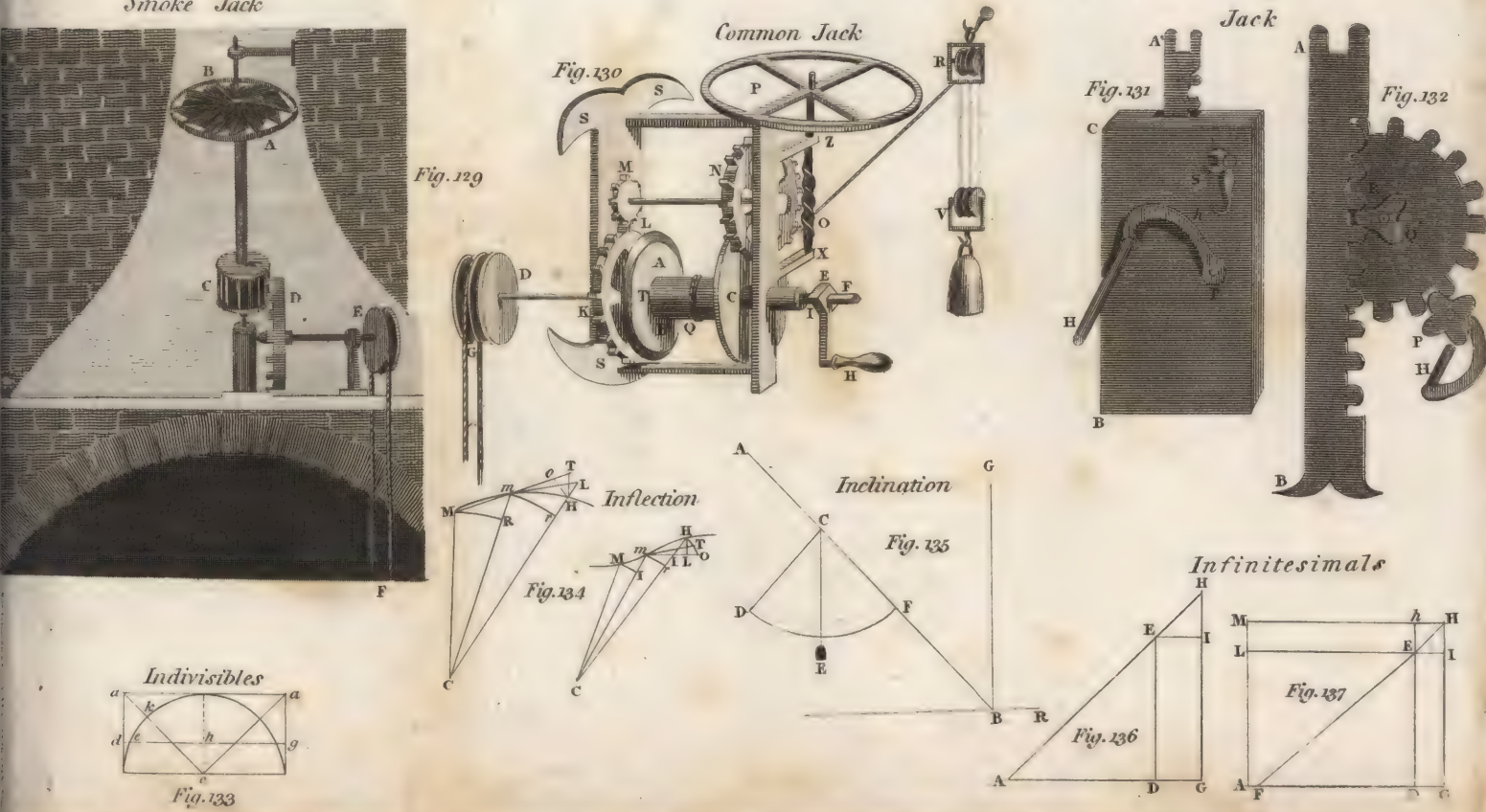
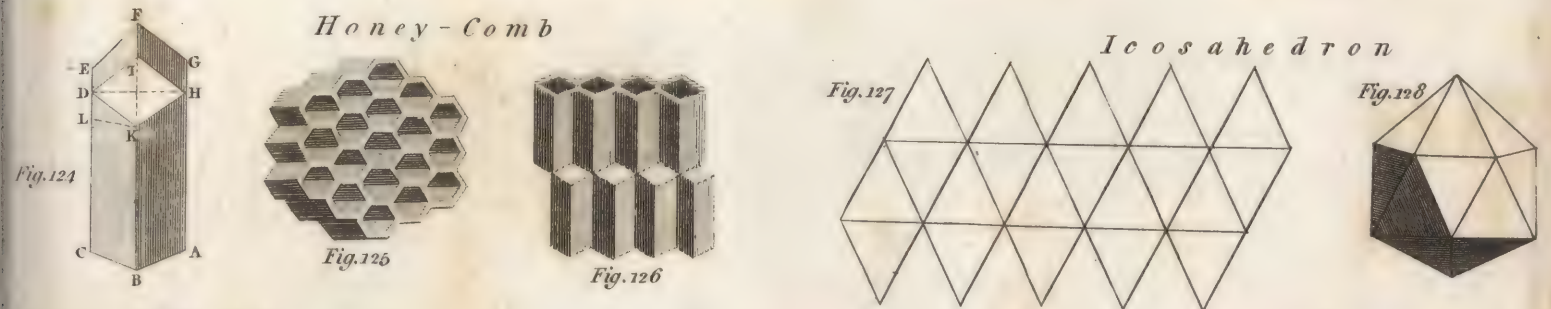
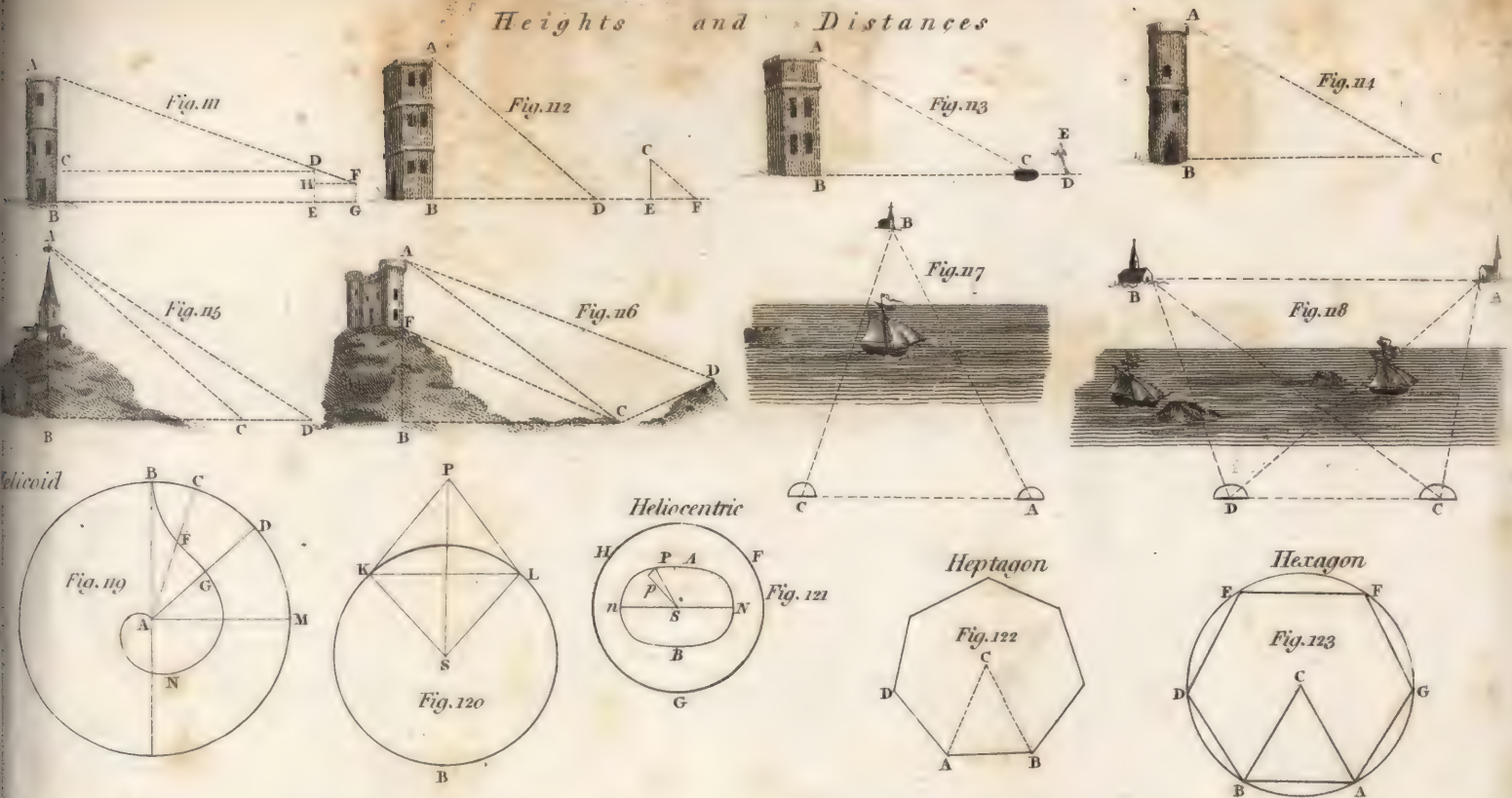


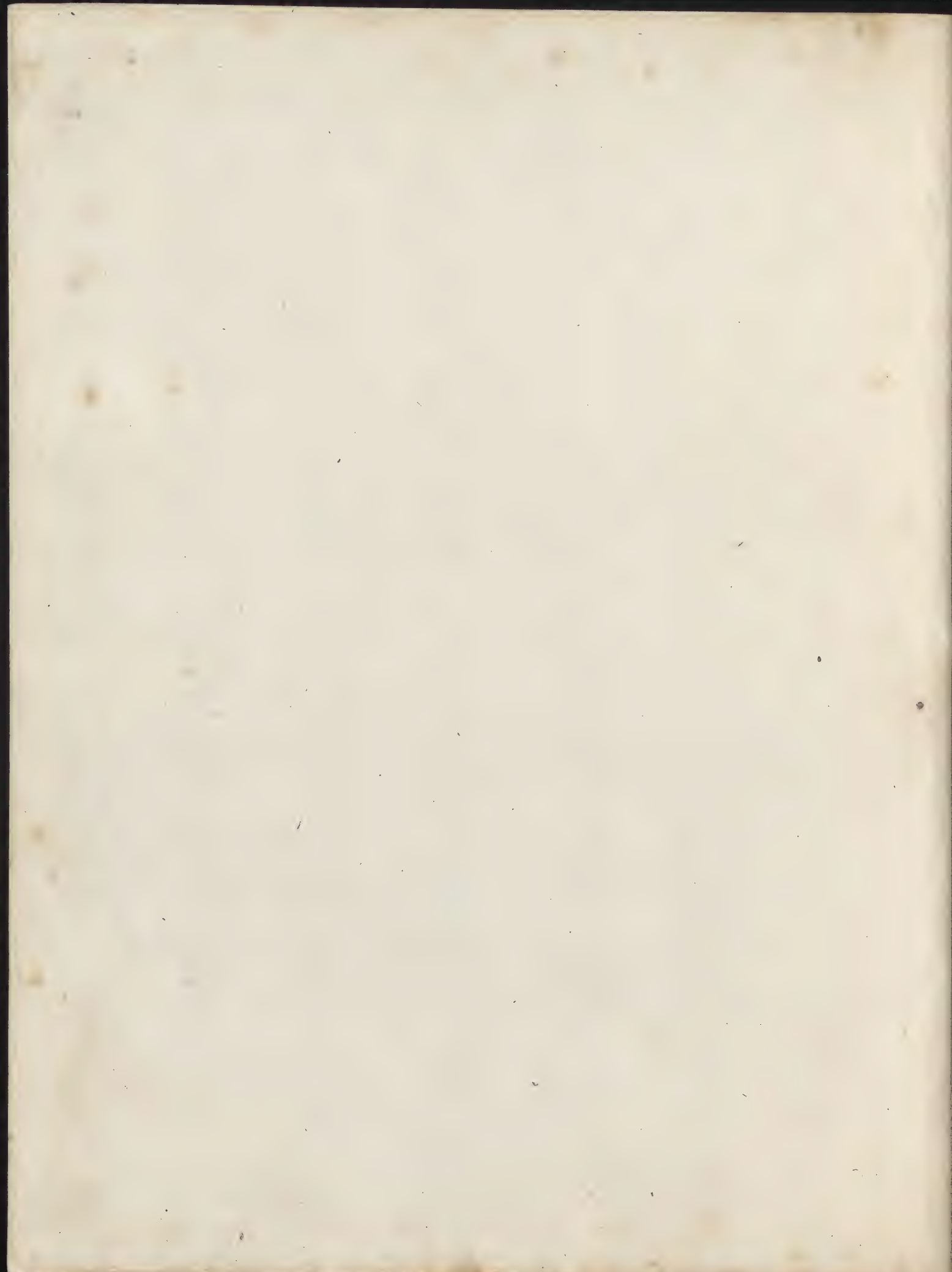
HYDROSTATICS &c.



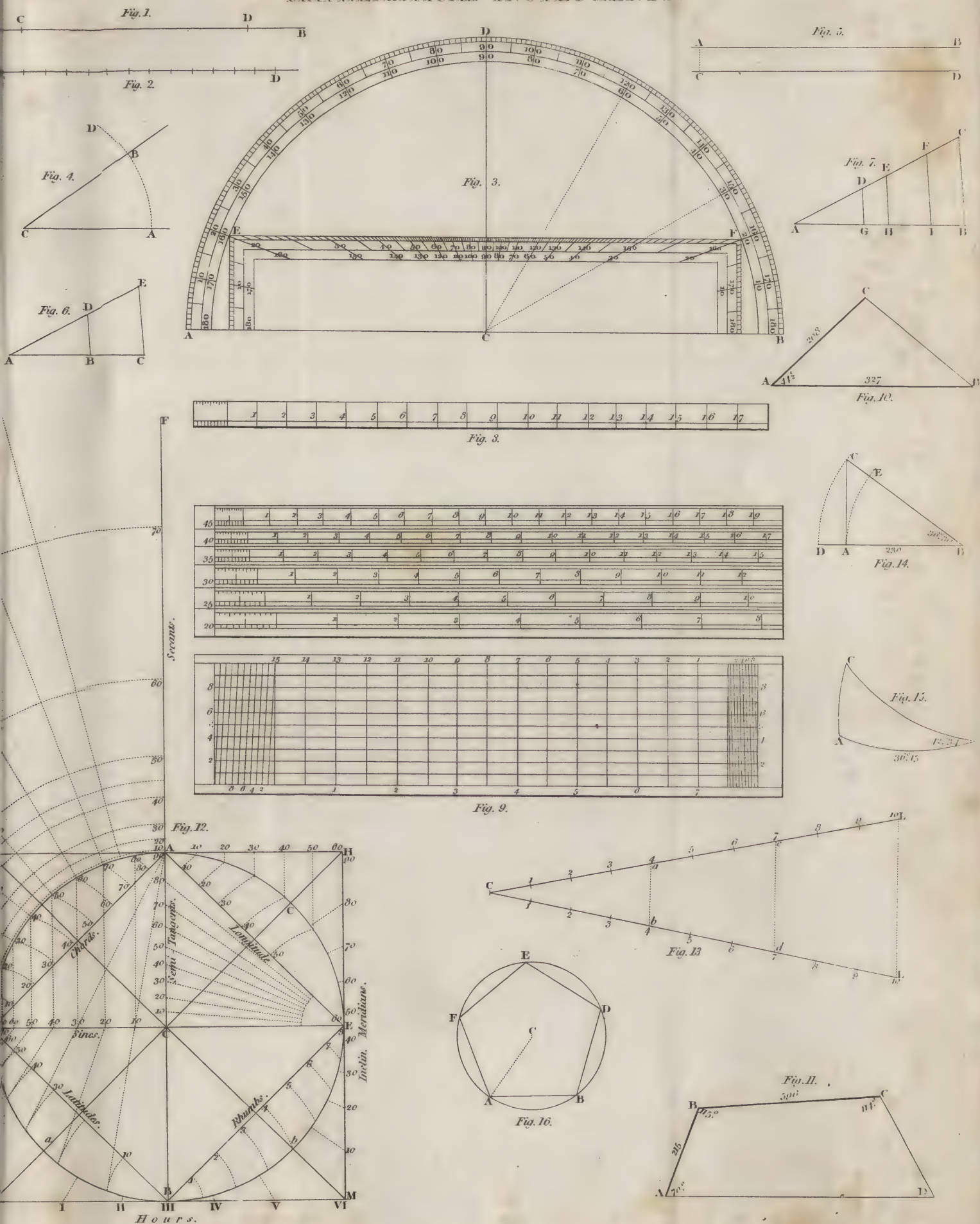


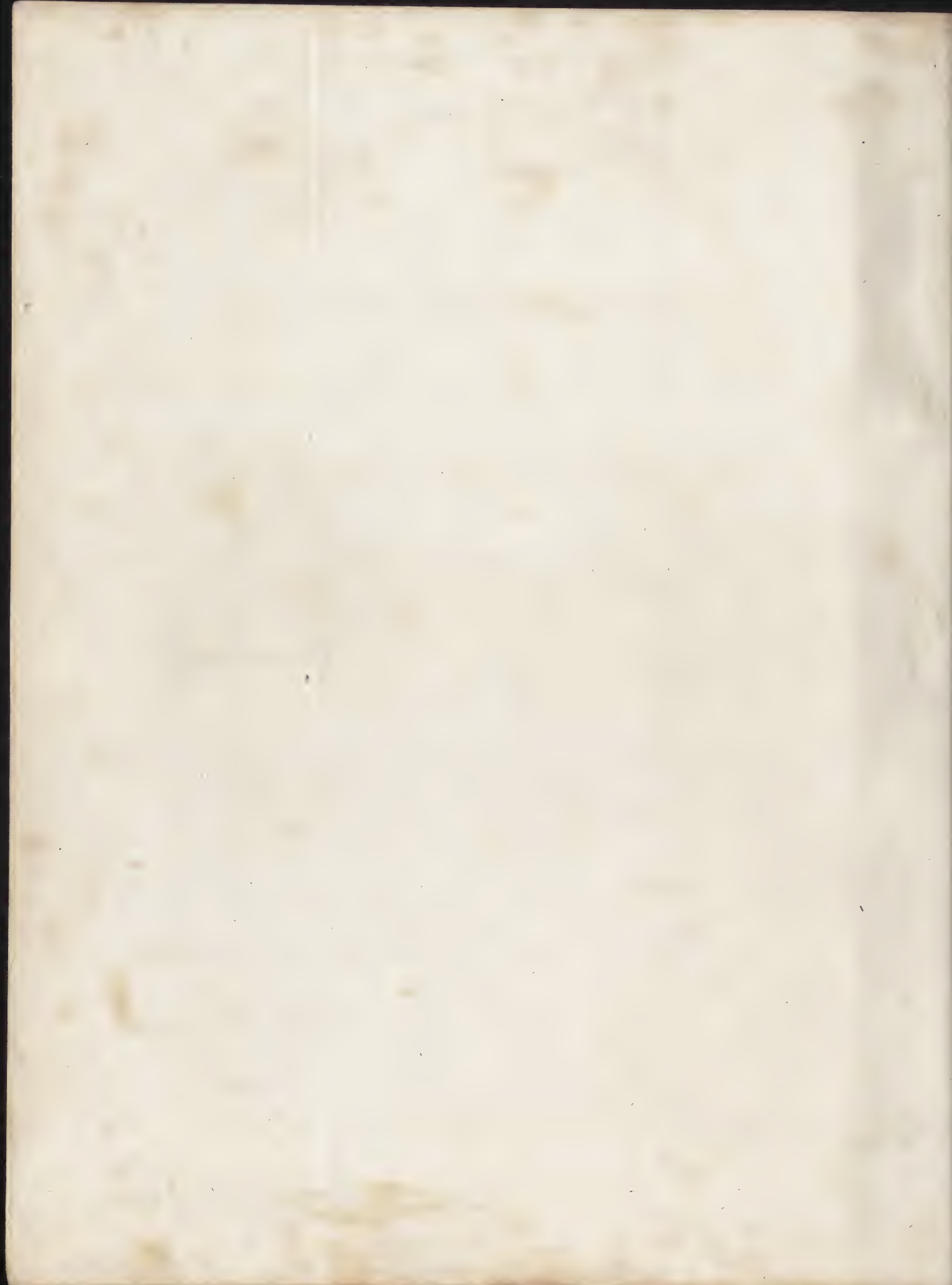
MISCELLANIES. Heights and Distances





MATHEMATICAL INSTRUMENTS.





227



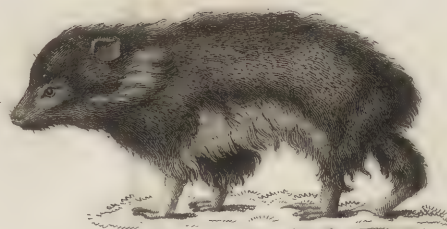
Hirundo apus
Swift

228



Hirundo esculenta
Esculent Swallow

230



Hyrao Sycicus

229



Hispa atra

226



Hippopotamus amphibius
River Horse

231



Hystrix cristata

232



Ichneuma manifestator

233



Ichneumon jaculator

234



Julus terrestris

235



Lacerta bullaris

236



Lacerta calotes
Oriental Guana

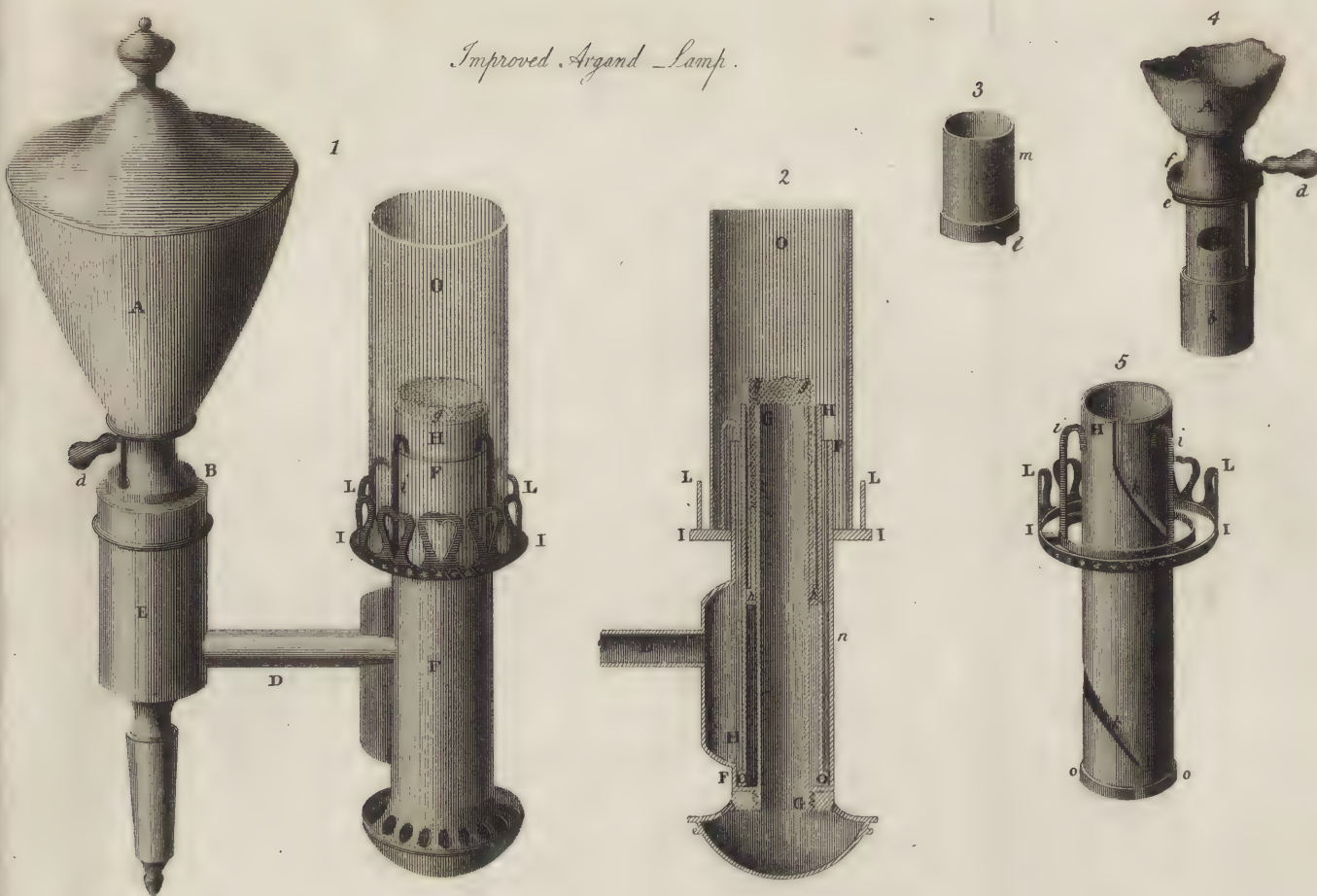
237



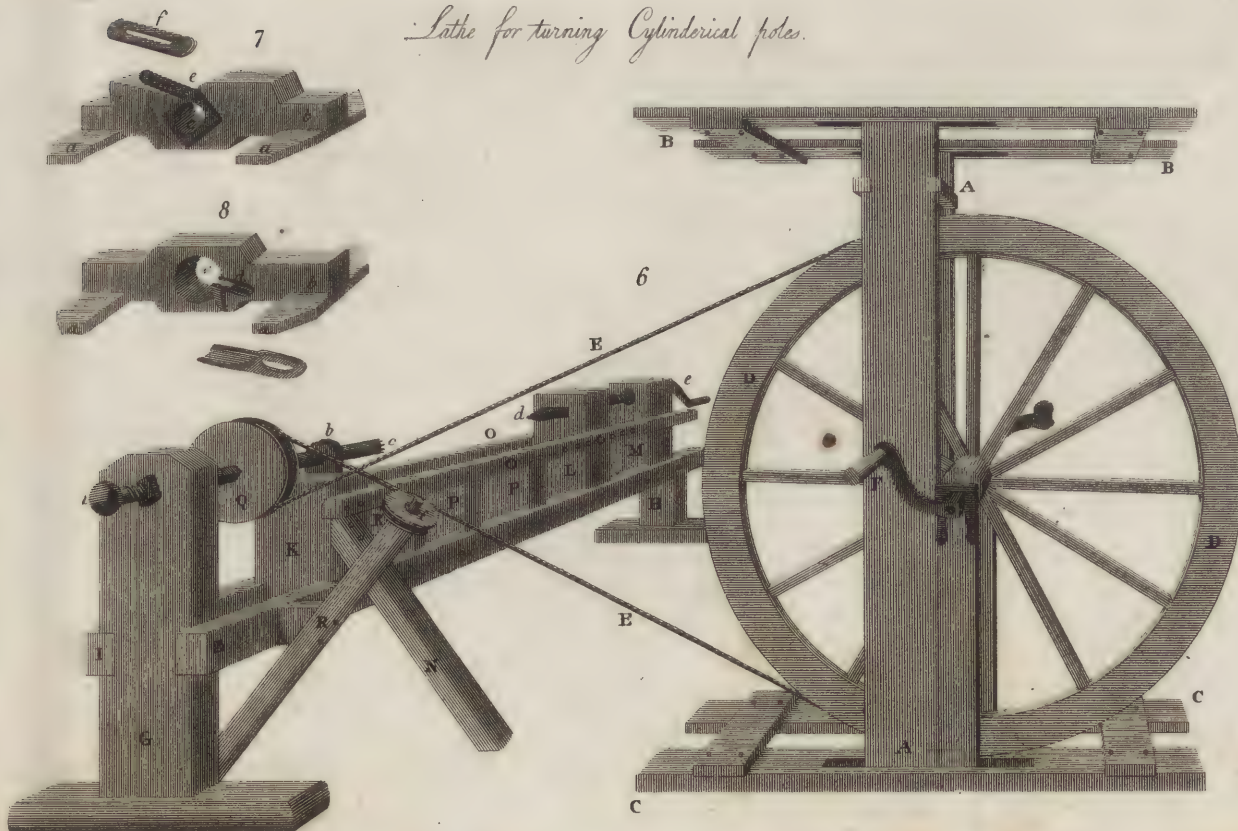
Lacerta crocodilus



Improved Argand Lamp.



Lathe for turning Cylindrical poles.







238

239

240

243

245

244

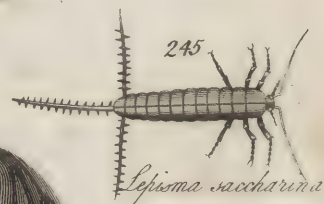
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249

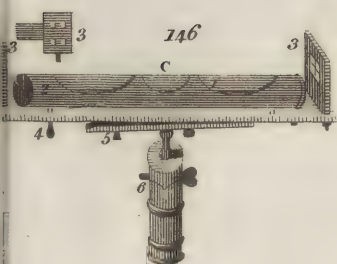
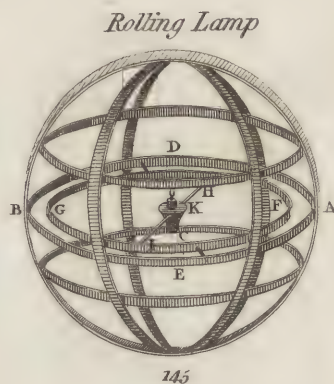
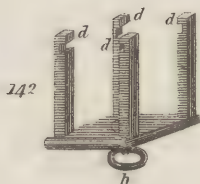
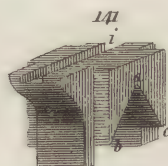
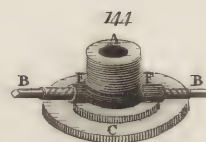
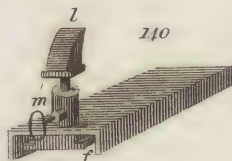
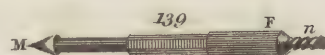
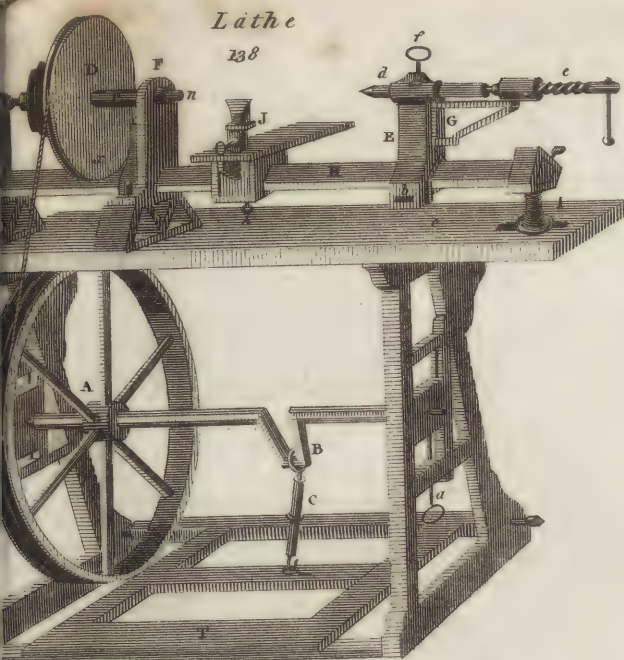
247

251

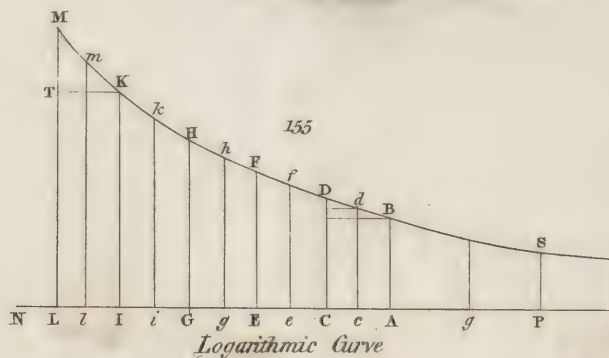
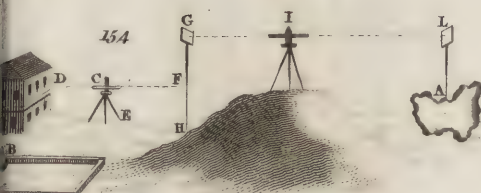
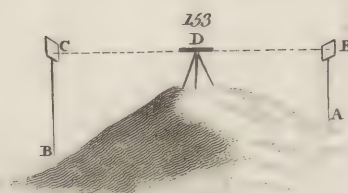
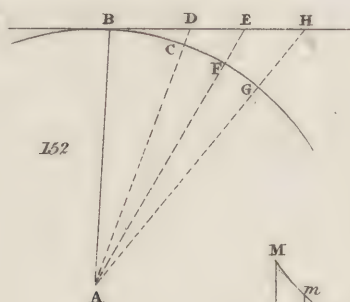
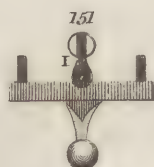
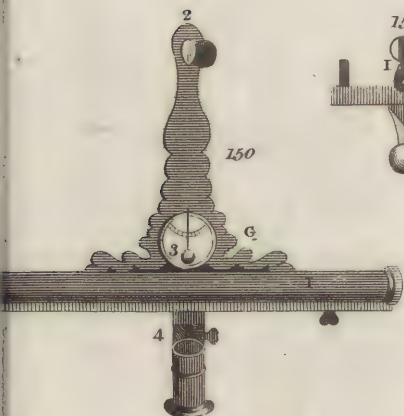
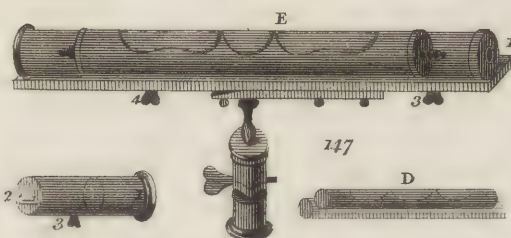
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MISCELLANIES .



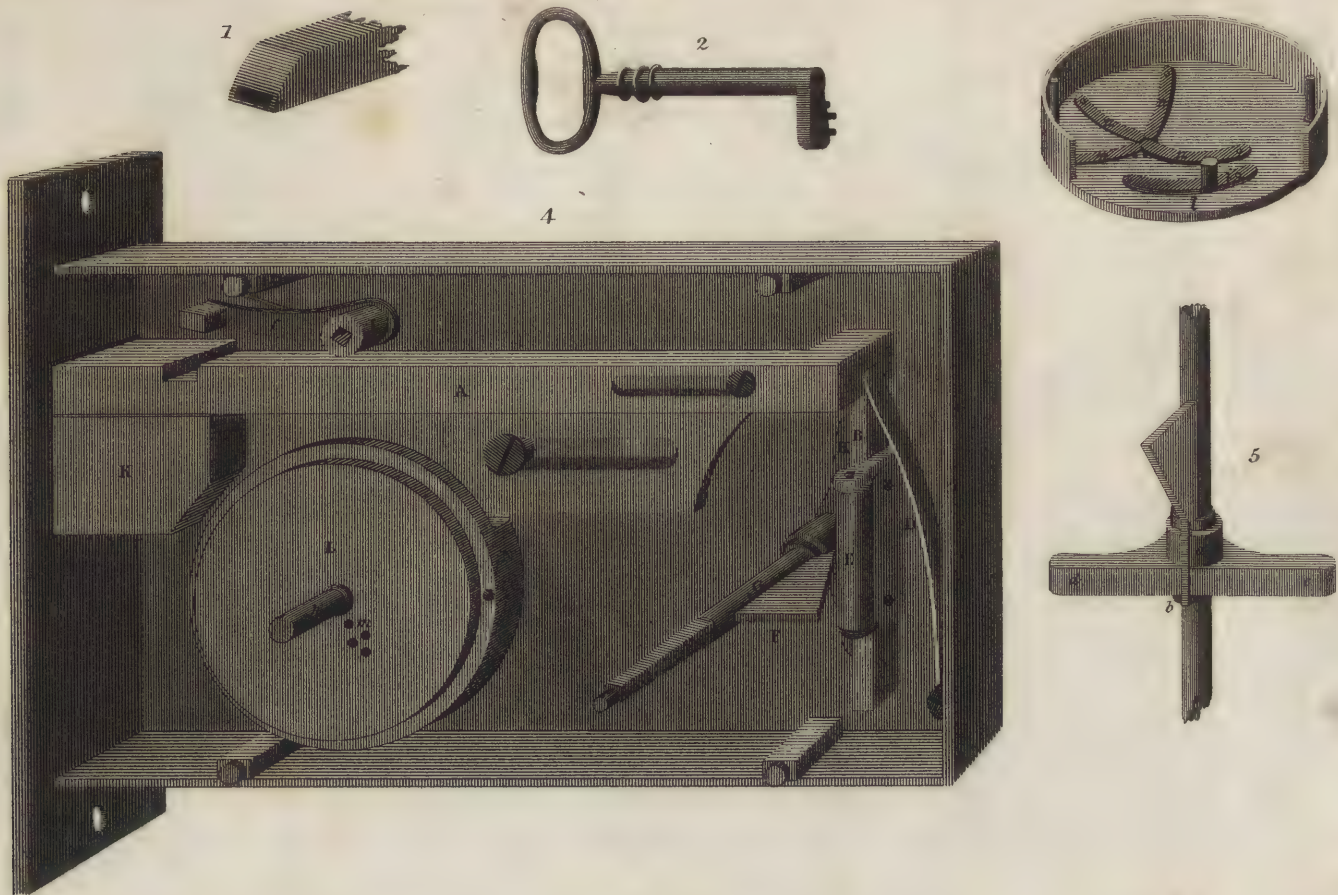
Air Levels



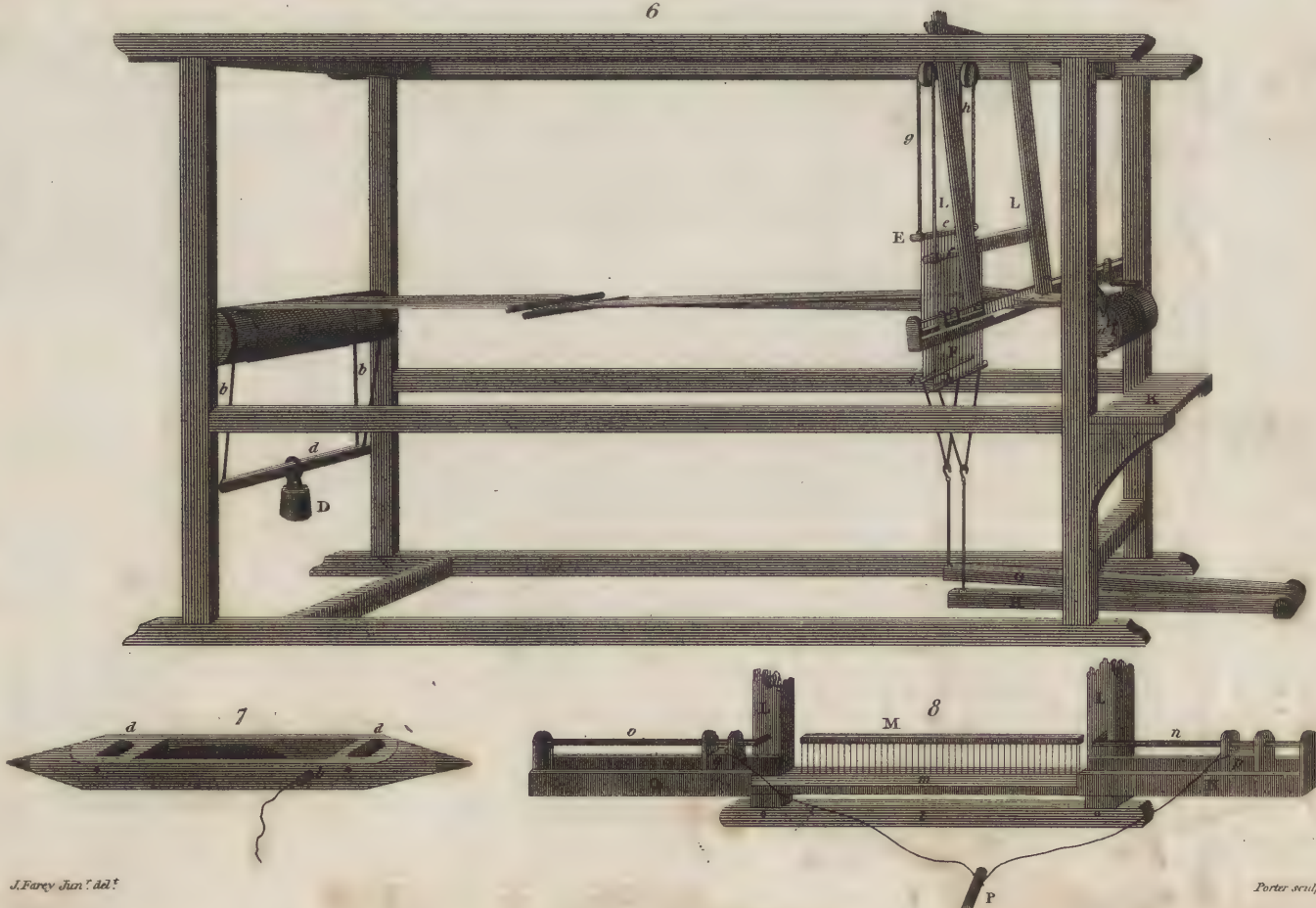


LOCK and LOOM.

M^r. Stansbury's patent Lock



Loom
6



J. Farey Jun^r. del^t

Porter sculp.



MAGNETISM.

Fig. 1.



Fig. 2.

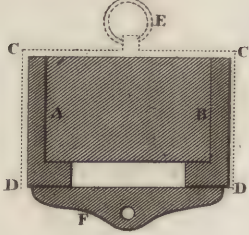


Fig. 3.

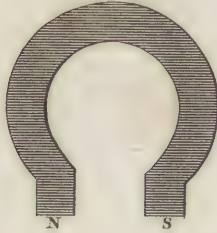


Fig. 4.

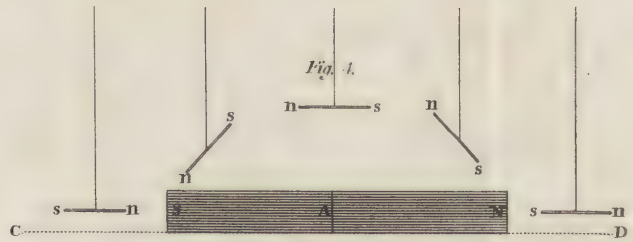


Fig. 5.

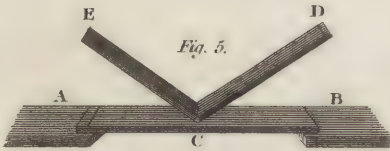


Fig. 6.

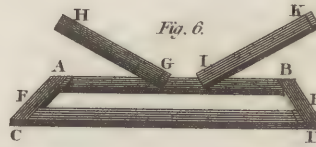


Fig. 7.



Fig. 8.



Fig. 10.



Fig. 11.



Fig. 12.

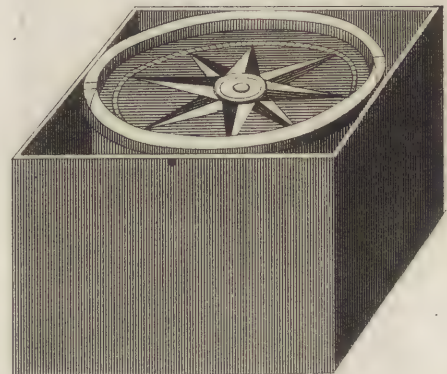


Fig. 13.

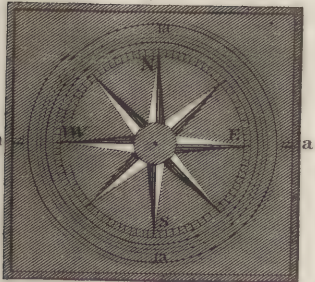
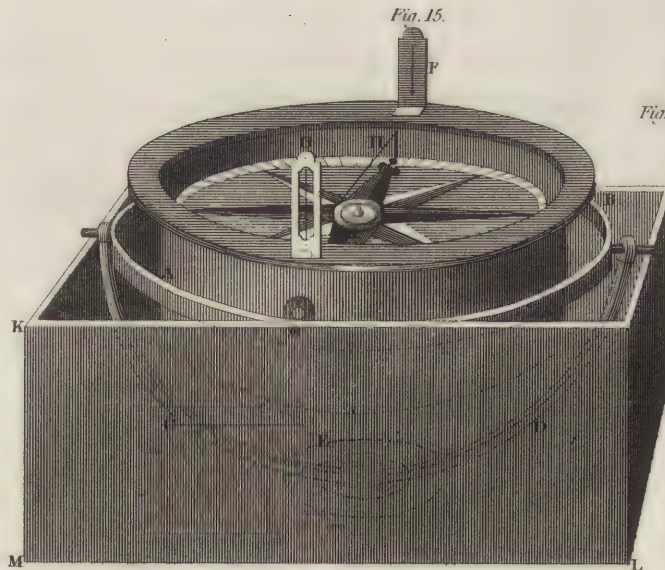


Fig. 15.



Mariners Compass.



Fig. 16.

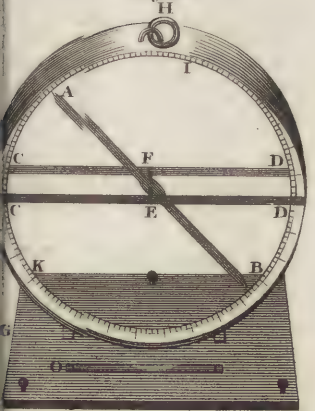


Fig. 19.



Fig. 20.

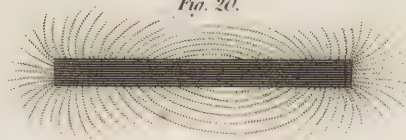


Fig. 21.

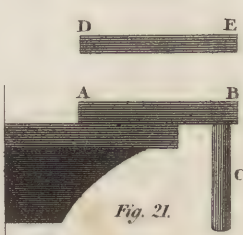
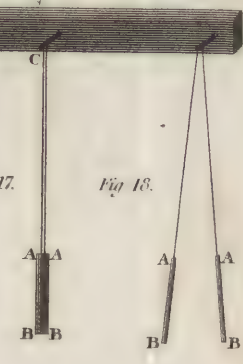


Fig. 17.

Fig. 18.



MAPS.

Fig. 5.

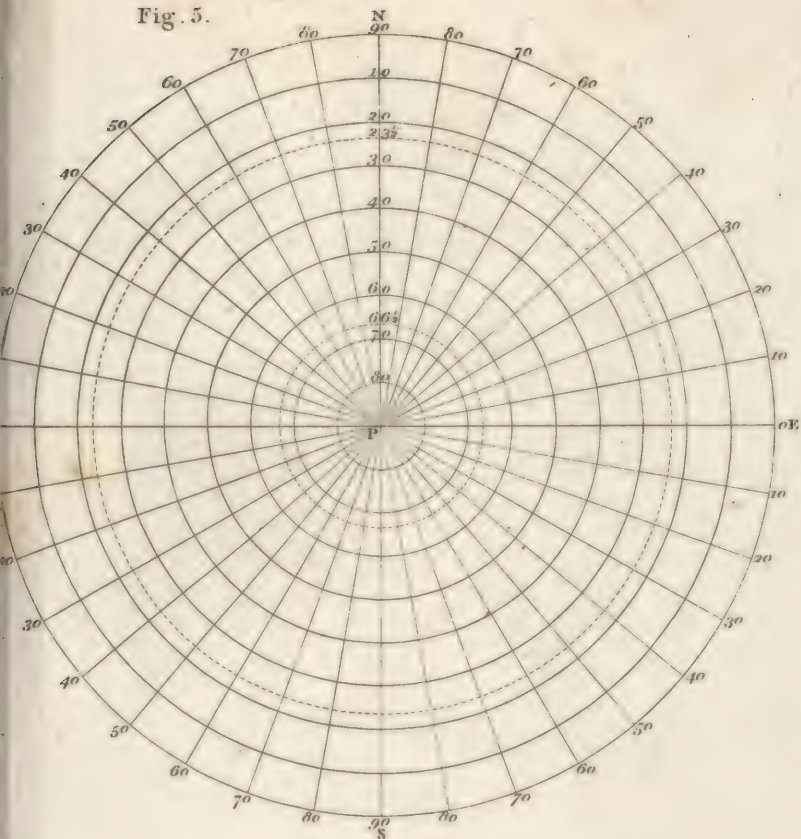


Fig. 6.

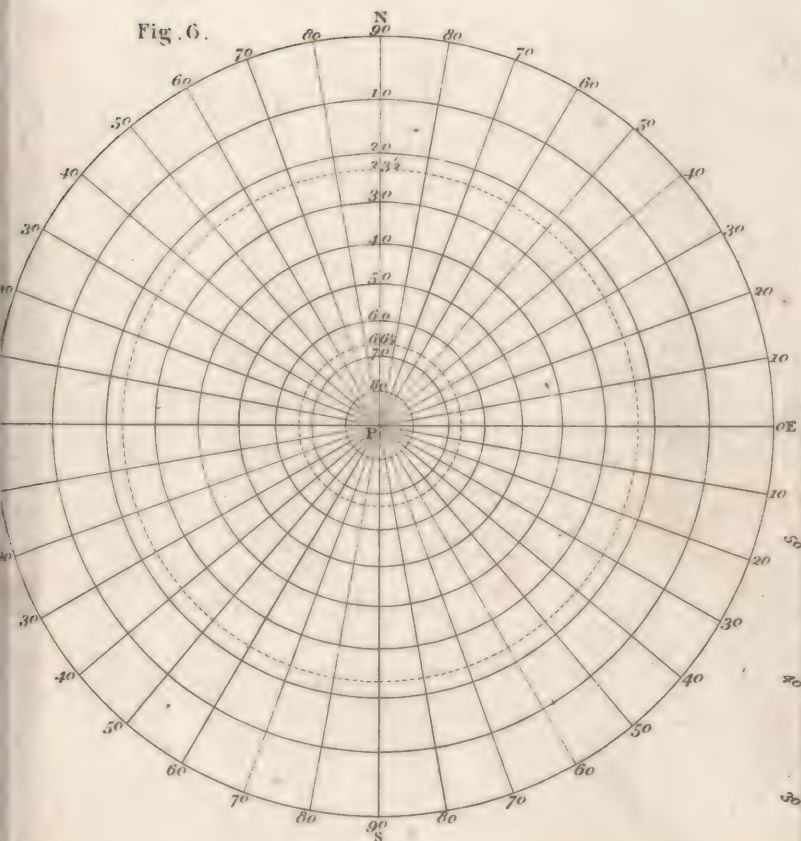


Fig. 7.

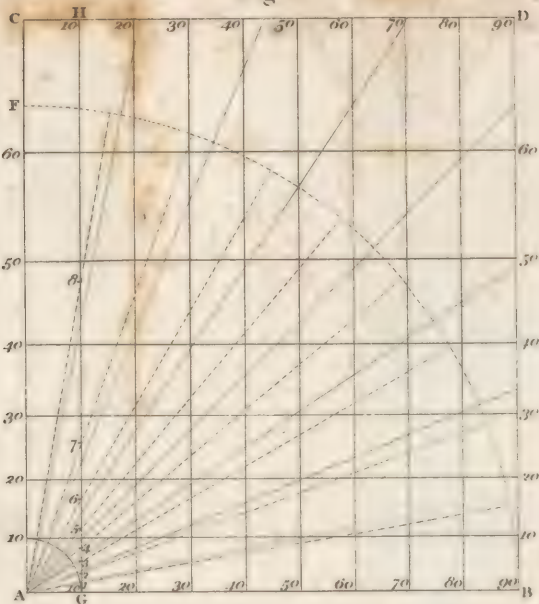


Fig. 8.

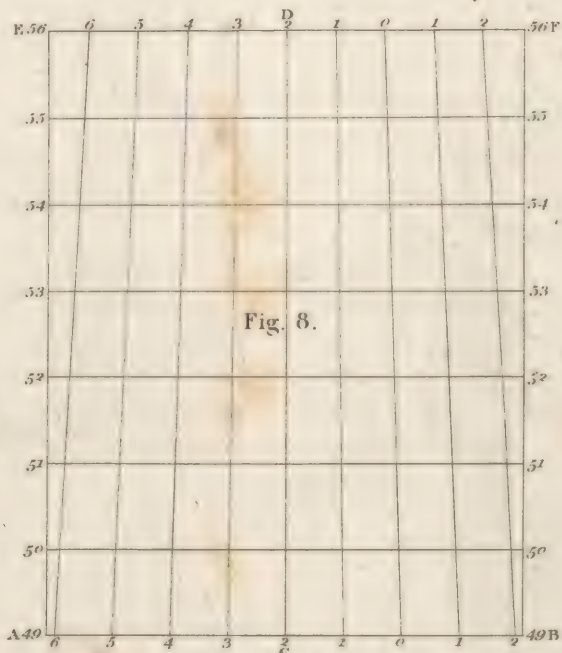


Fig. 9.

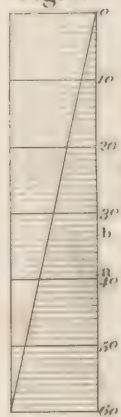
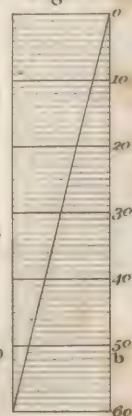
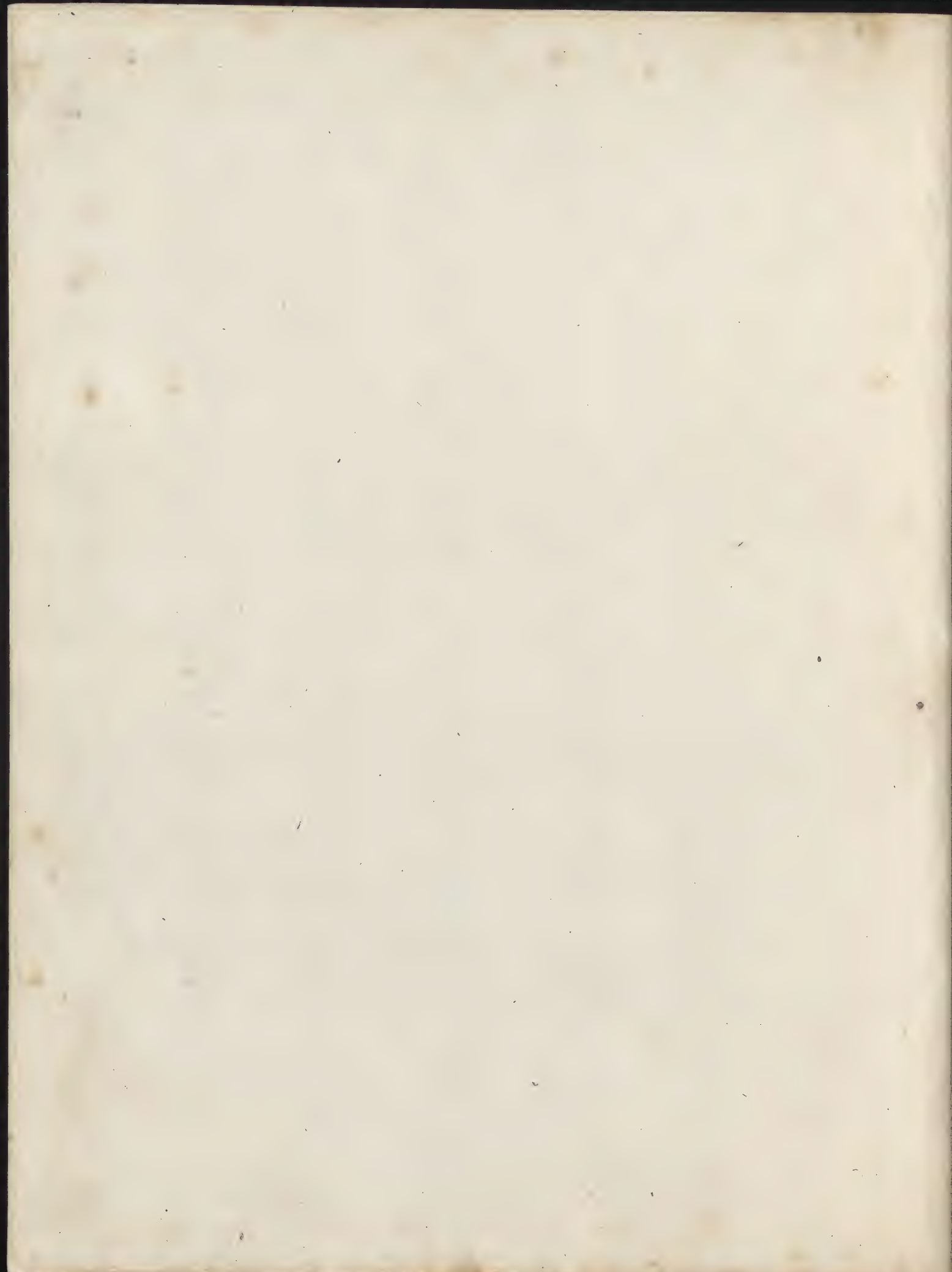


Fig. 10.



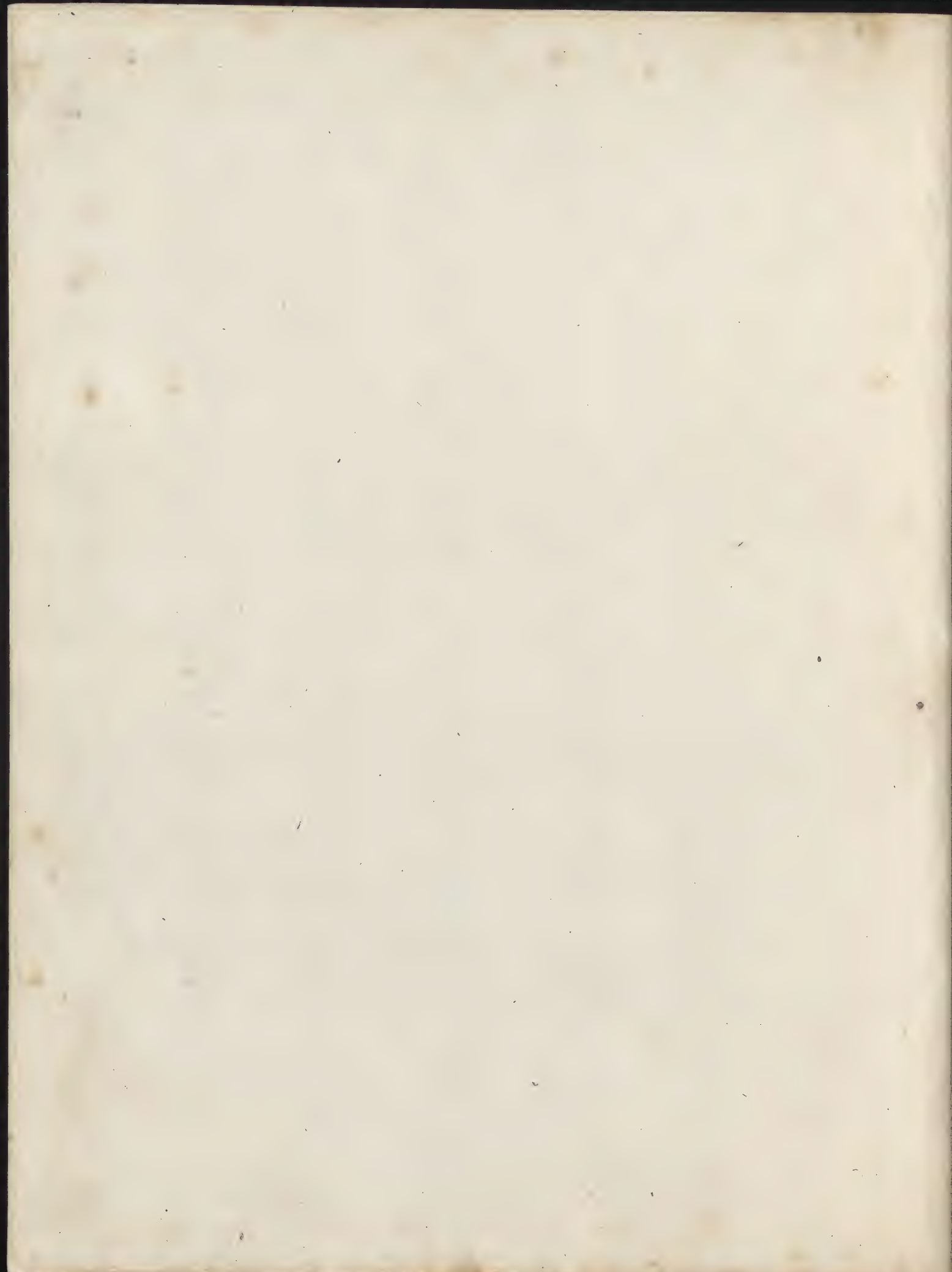
Fig. 11.

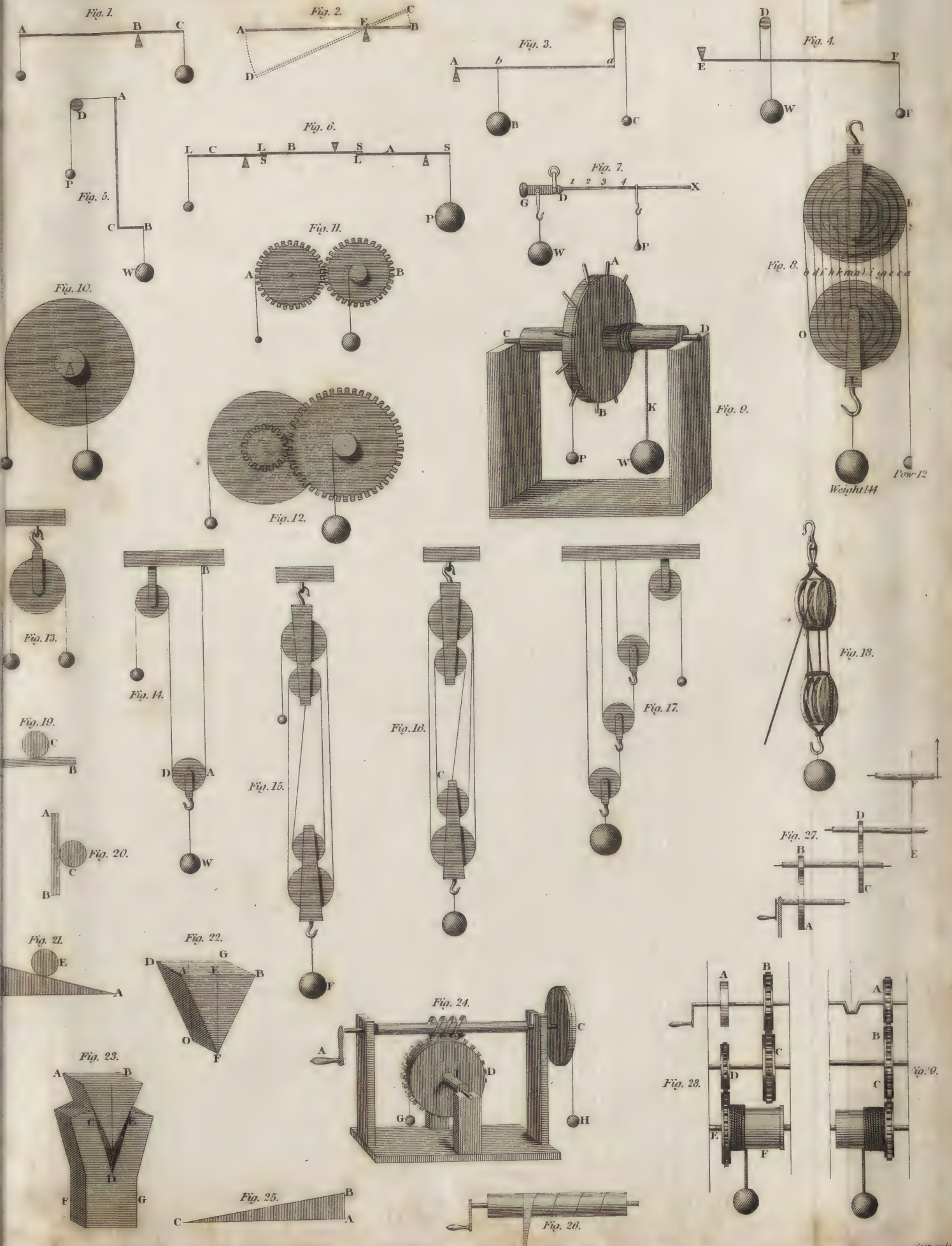




19337 2









NATURAL HISTORY.

Lobelia Syphilitica



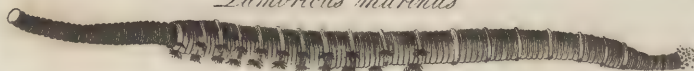
Loxia oryxivora
Java Grosbeak



Loxia pensilis
Pensile Grosbeak
with its nest



Lumbricus marinus



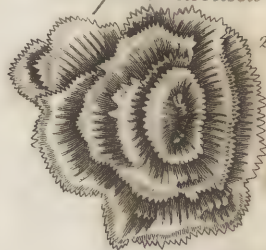
Madrepora cespitosa



Mantis pentadactyla
Short-tailed Mantis



Madrepora lactuca



Mantis religiosa



Maranta galanga
Galangal



Melyris viridis



Meloe vesicatorius
Spanish Fly



Meleagris satyra
Horned Turkey



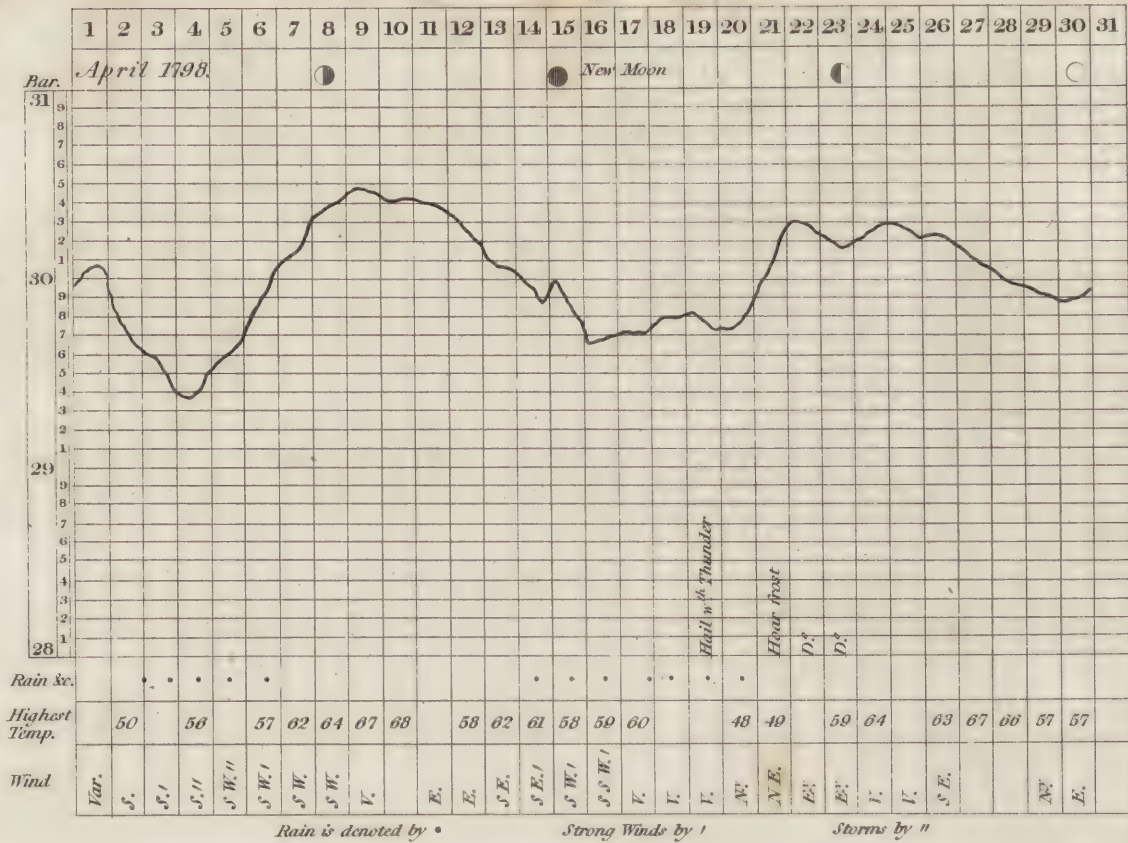
Medusa Pelagica





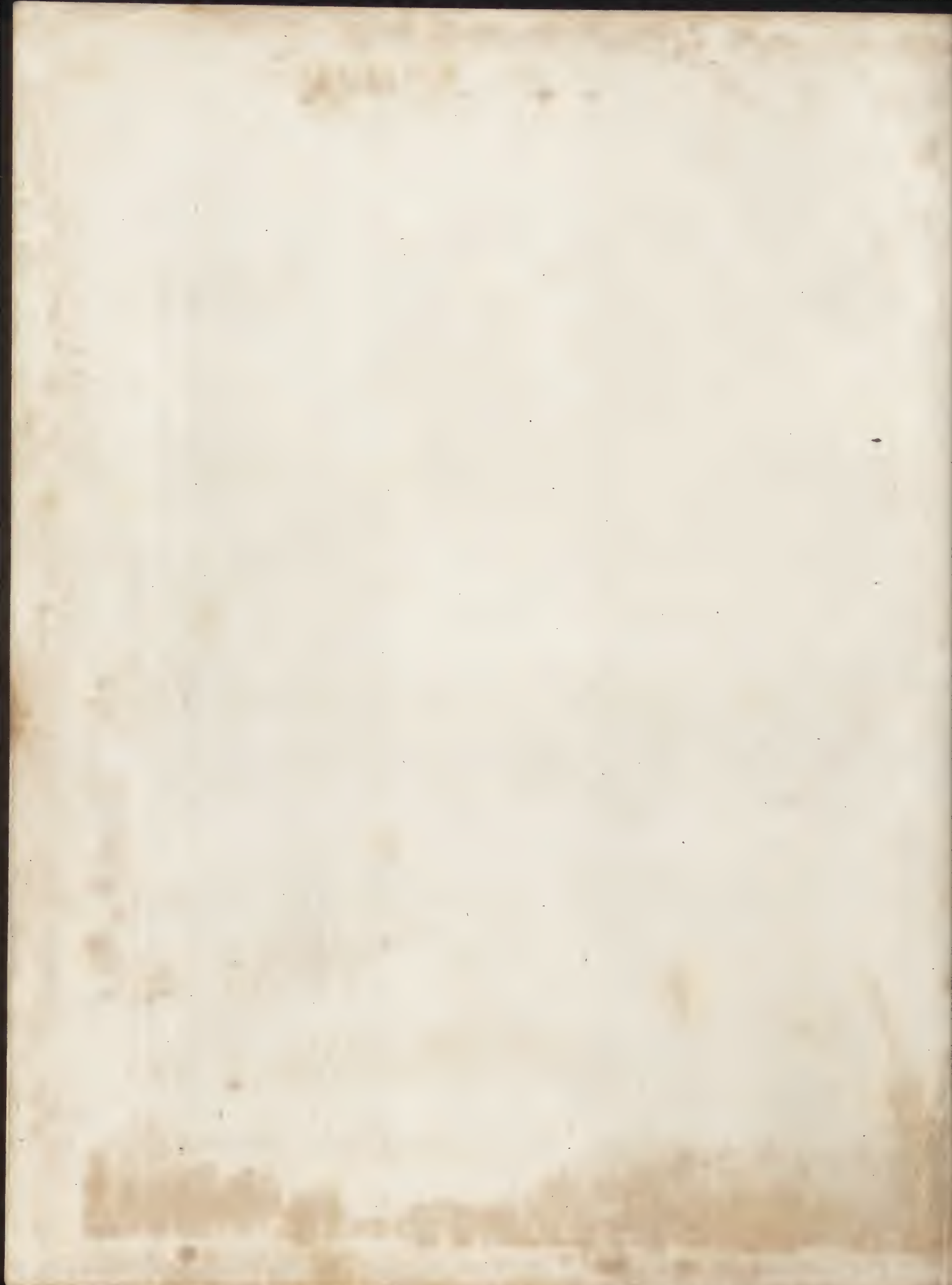
METEOROLOGY.

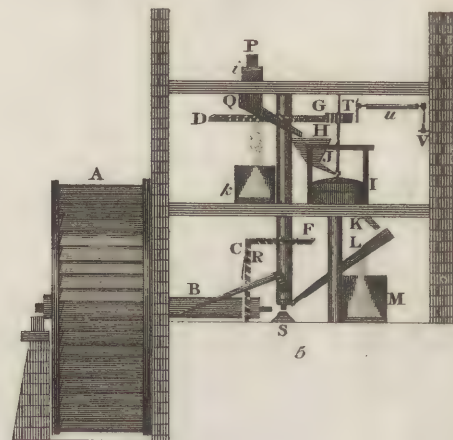
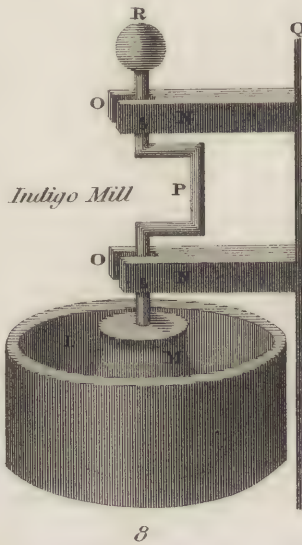
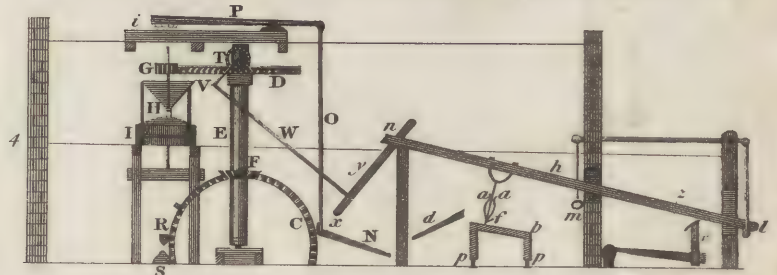
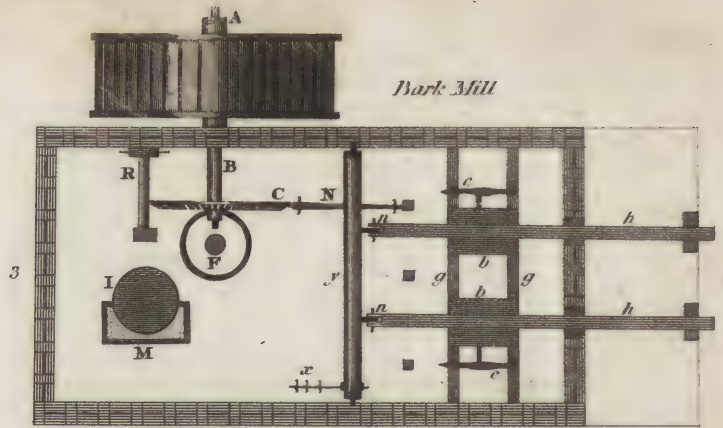
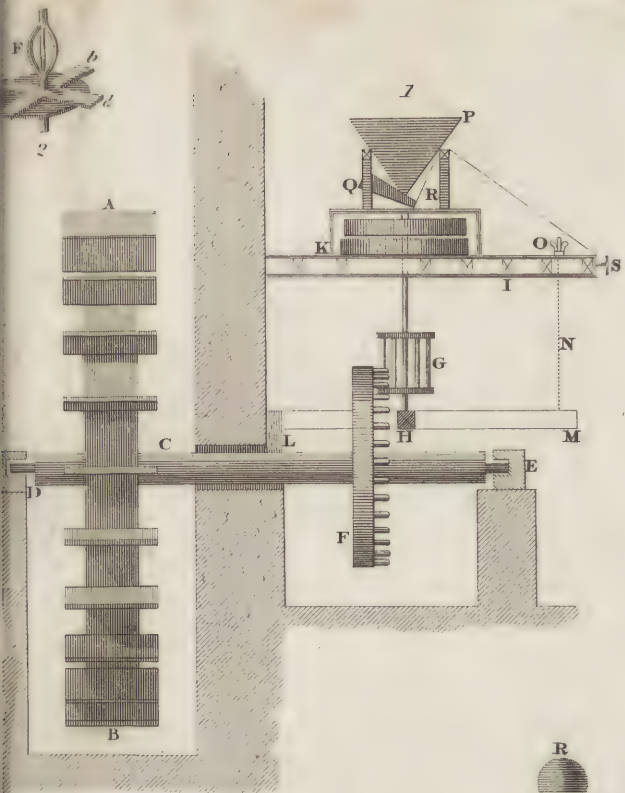
Specimen of a Register calculated to exhibit periodical Variations.



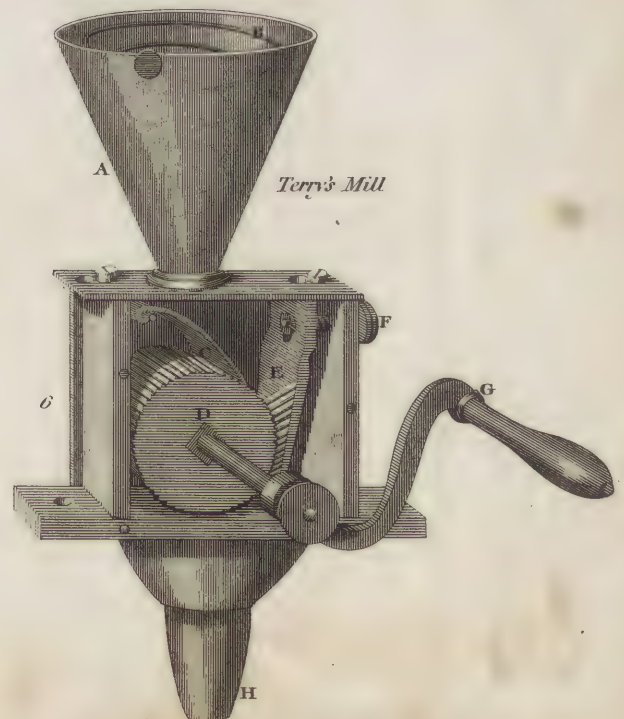
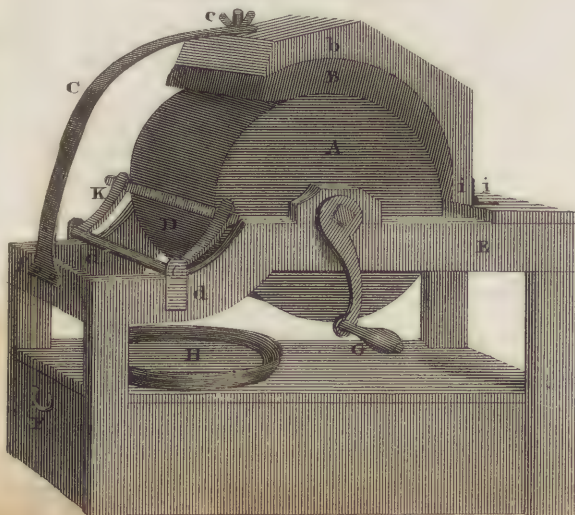
a. Cirrus. b. Cirro-cumulus. c. Cirro-stratus. d. Cumulo-stratus. e. Cumulus. f. Stratus. g. Nimbus.

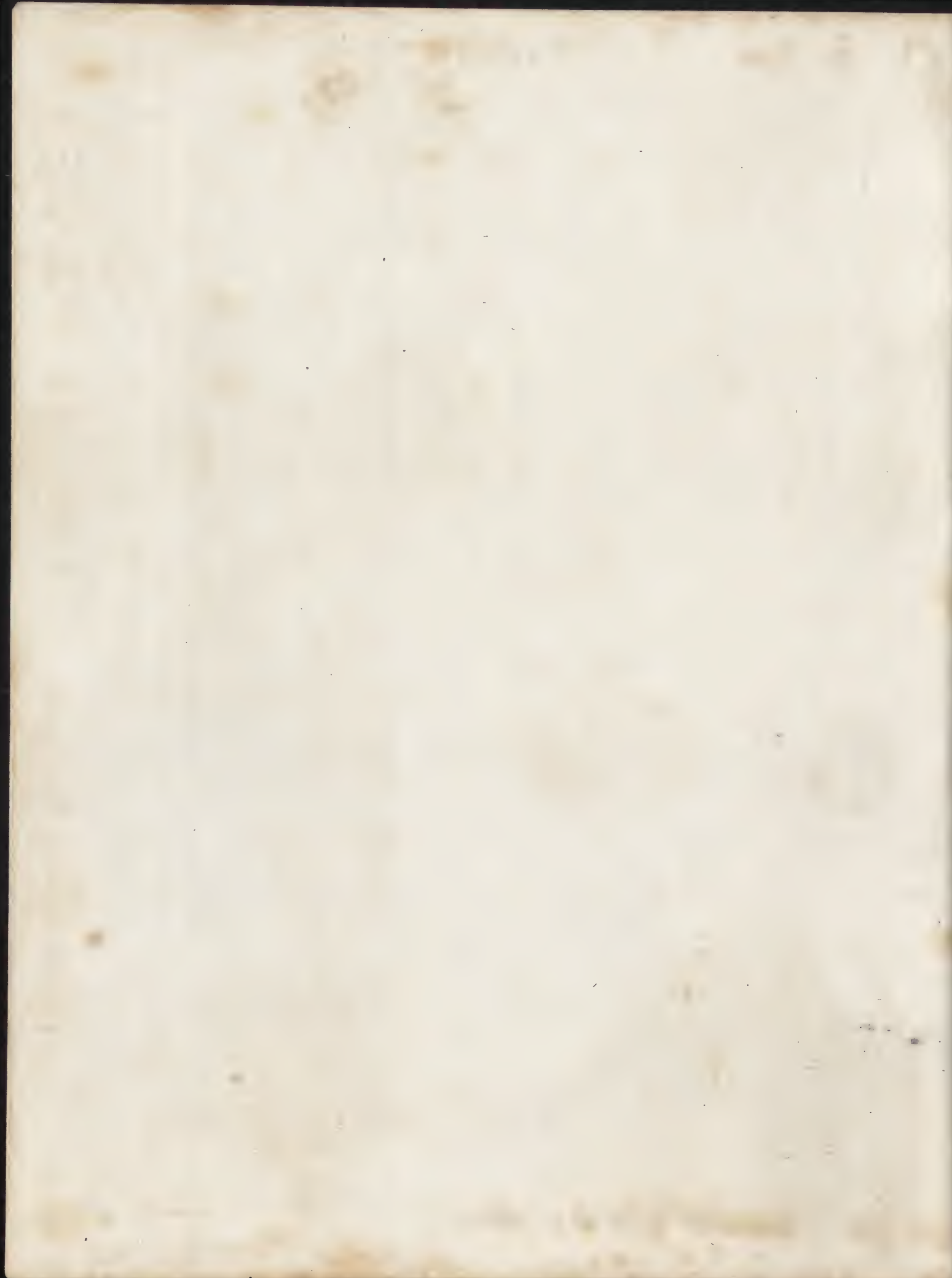
Cooper sculp.





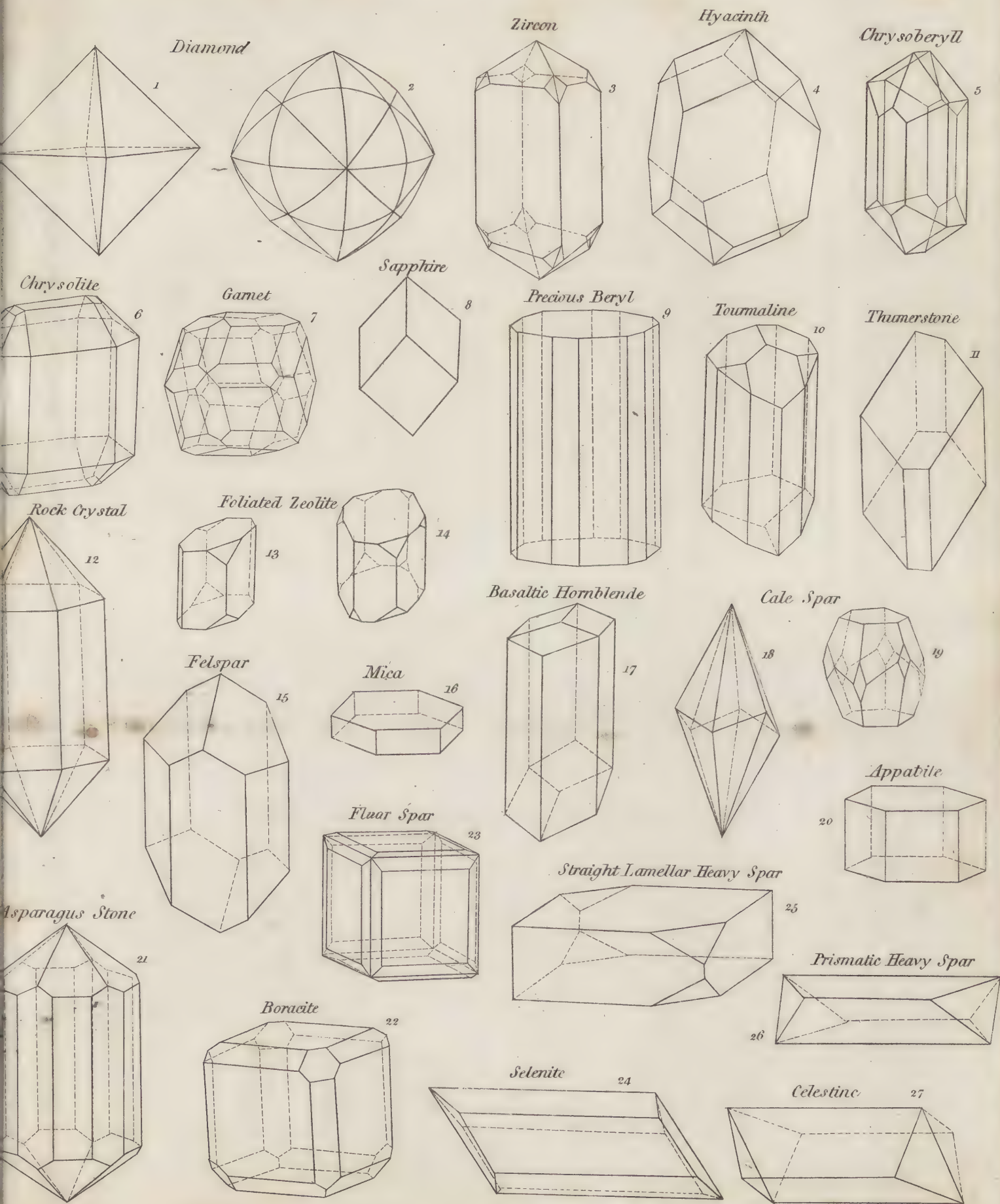
Mr. Rawlinson's Colour Mill.





MINERALOGY.

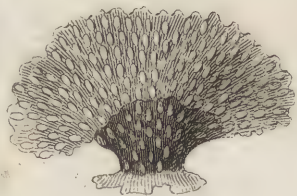
Plate 1







266

*Millepora cellulosa**Mergus cucullatus*

267

*Millepora polymorpha*

268

*Stenoculus oculatus*

269

*Monodon*

270

*Moschus moschiferus*
Thibet Musk

271

*Motacilla sylvia*
White throat

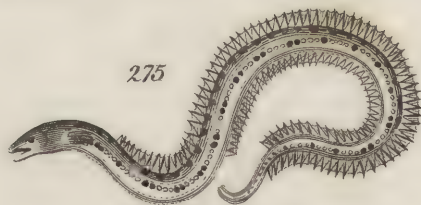
272

*Mugil cephalus*

273

*Mullus barbatus*

275

*Muraena ophis*
Spotted sea serpent

274

*Muraena conger*
Conger eel

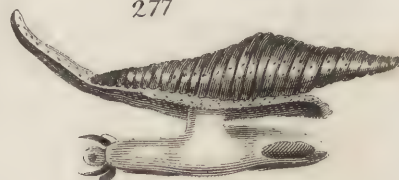
278

*Murex brandaris*

276

*Muraena helena*

277

*Murex babylonica*



NATURAL HISTORY

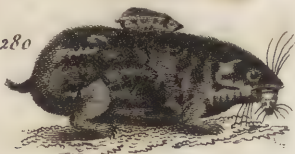
Mus zibethicus
Mus Rat

279



Mus lemmus

280



Muscicapa rubicollis

283



Muscicapa flabellifera
Fan-tailed Fly-catcher

281



Muscicapa malaccura

282



Mustela furo

284



Musca filata

285



Mustela erminea
Stoat

286



Mutilla holoserica

287



Mycteria Americana

288



Myrica cerifera
Candle berry myrtle

289



Myrmecophaga didactyla
Least Ant-eater

290



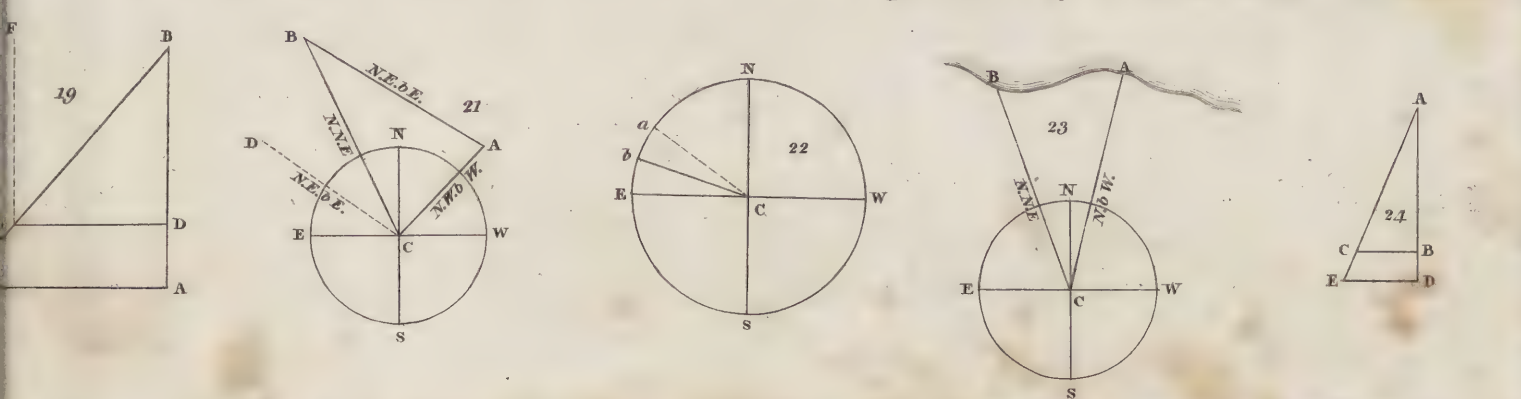
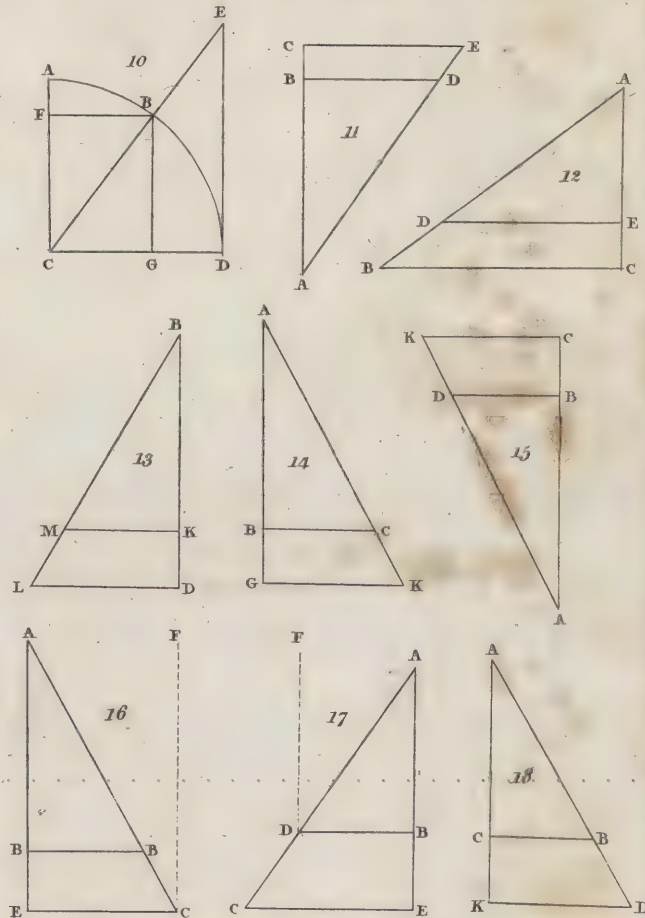
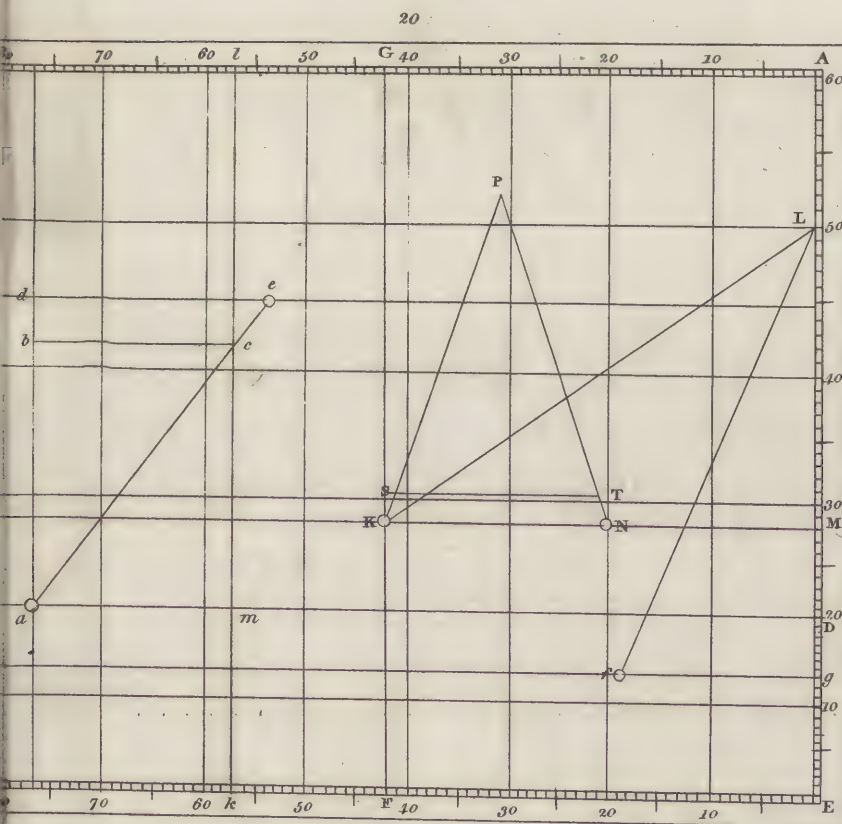
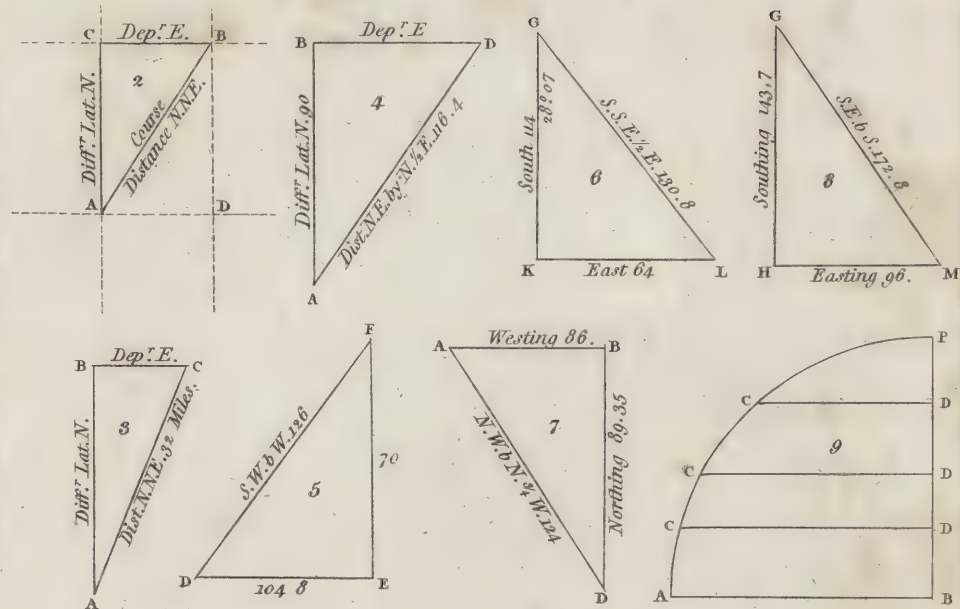
291

Myrmecoleon barbarus



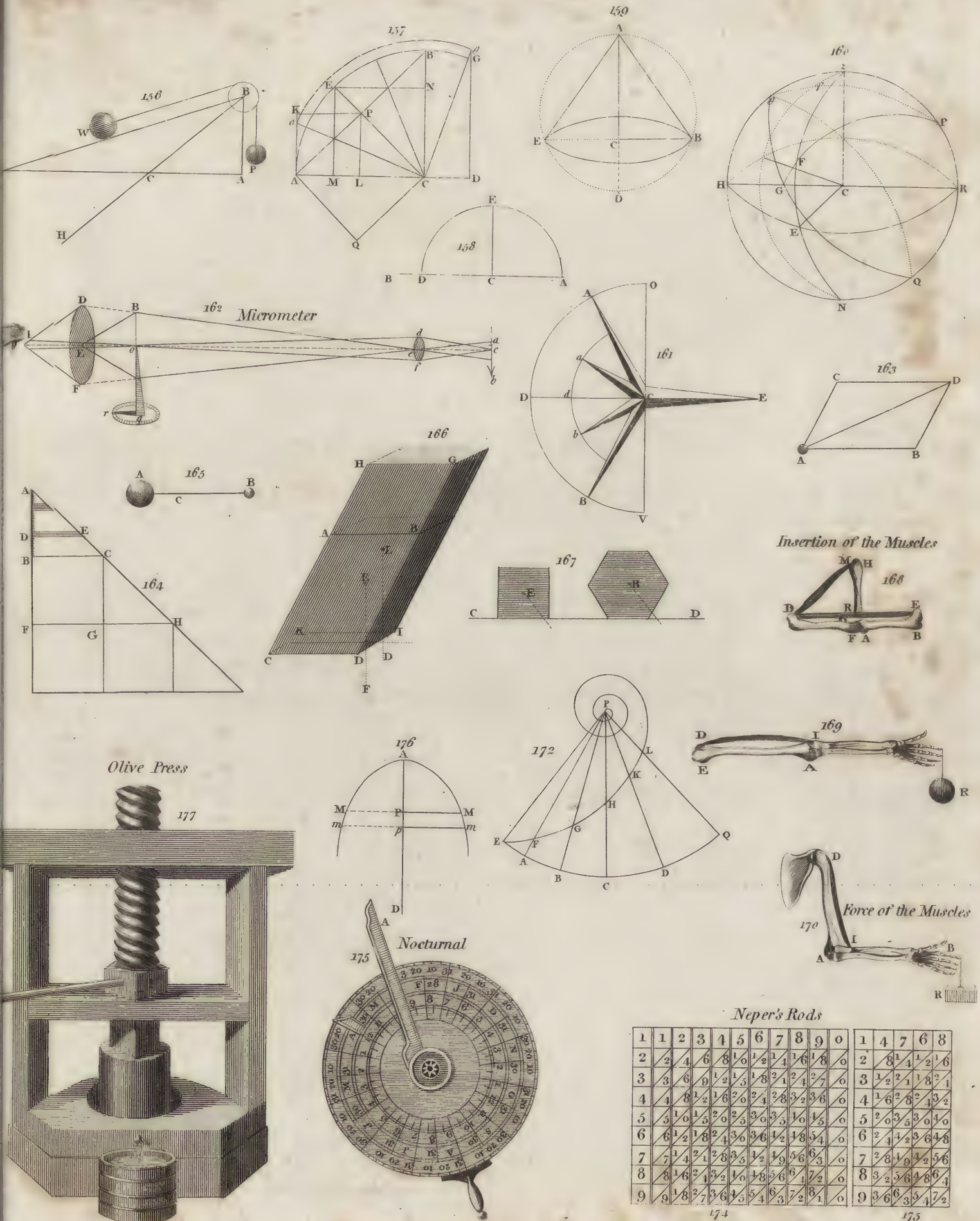
NAVIGATION.

1

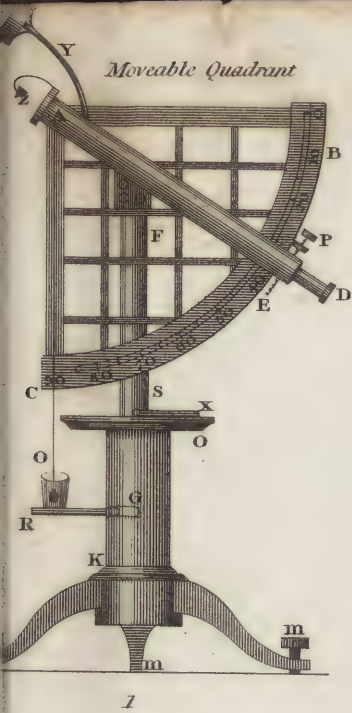




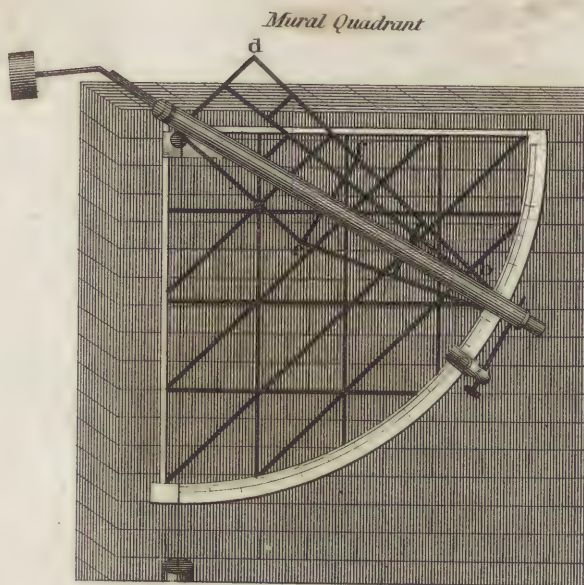
MISCELLANIES.



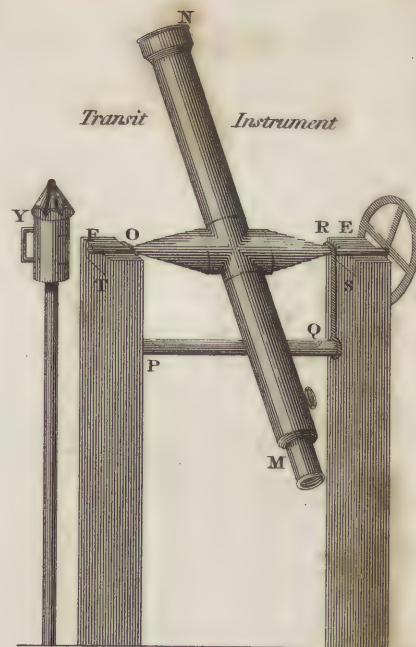




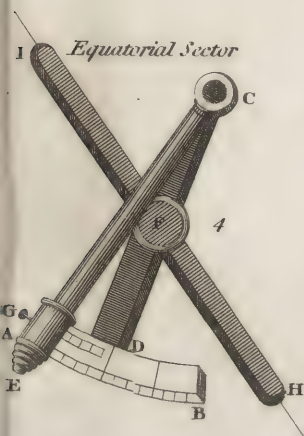
1



2

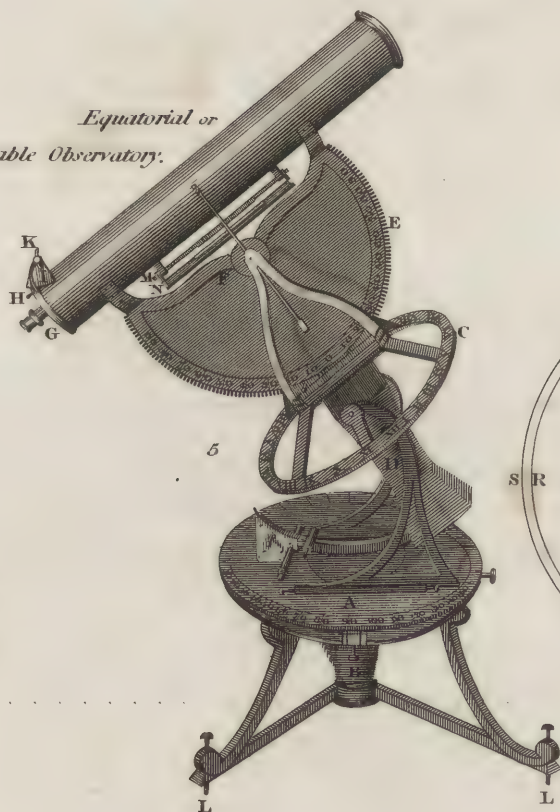


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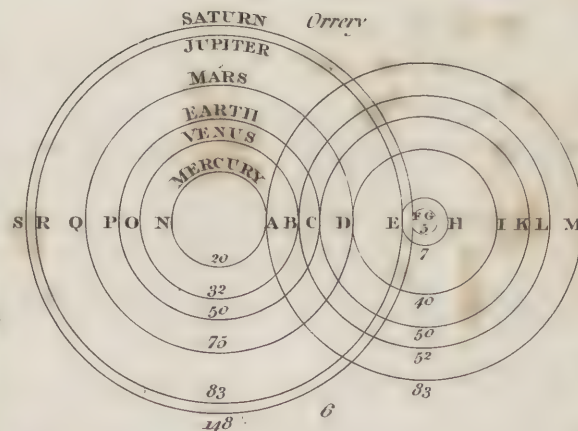
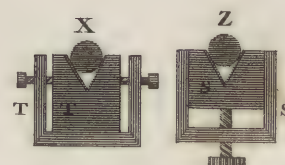


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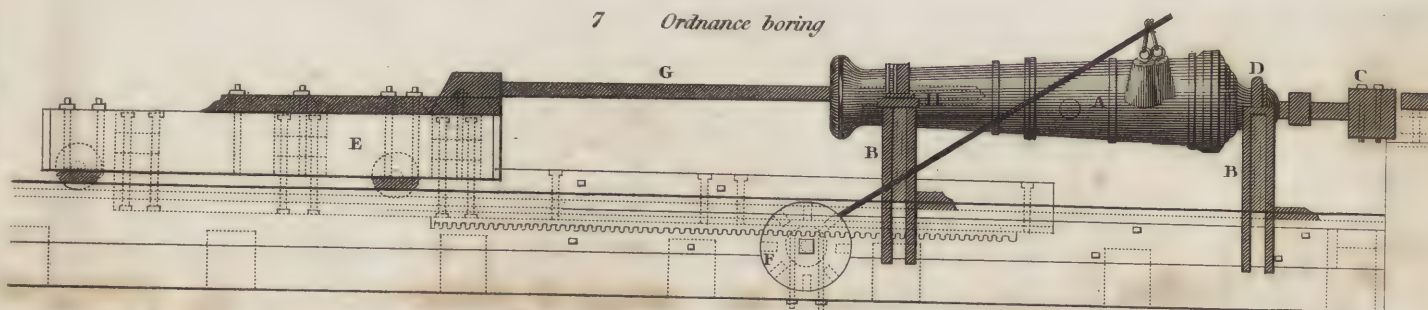
*Equatorial or
Portable Observatory.*



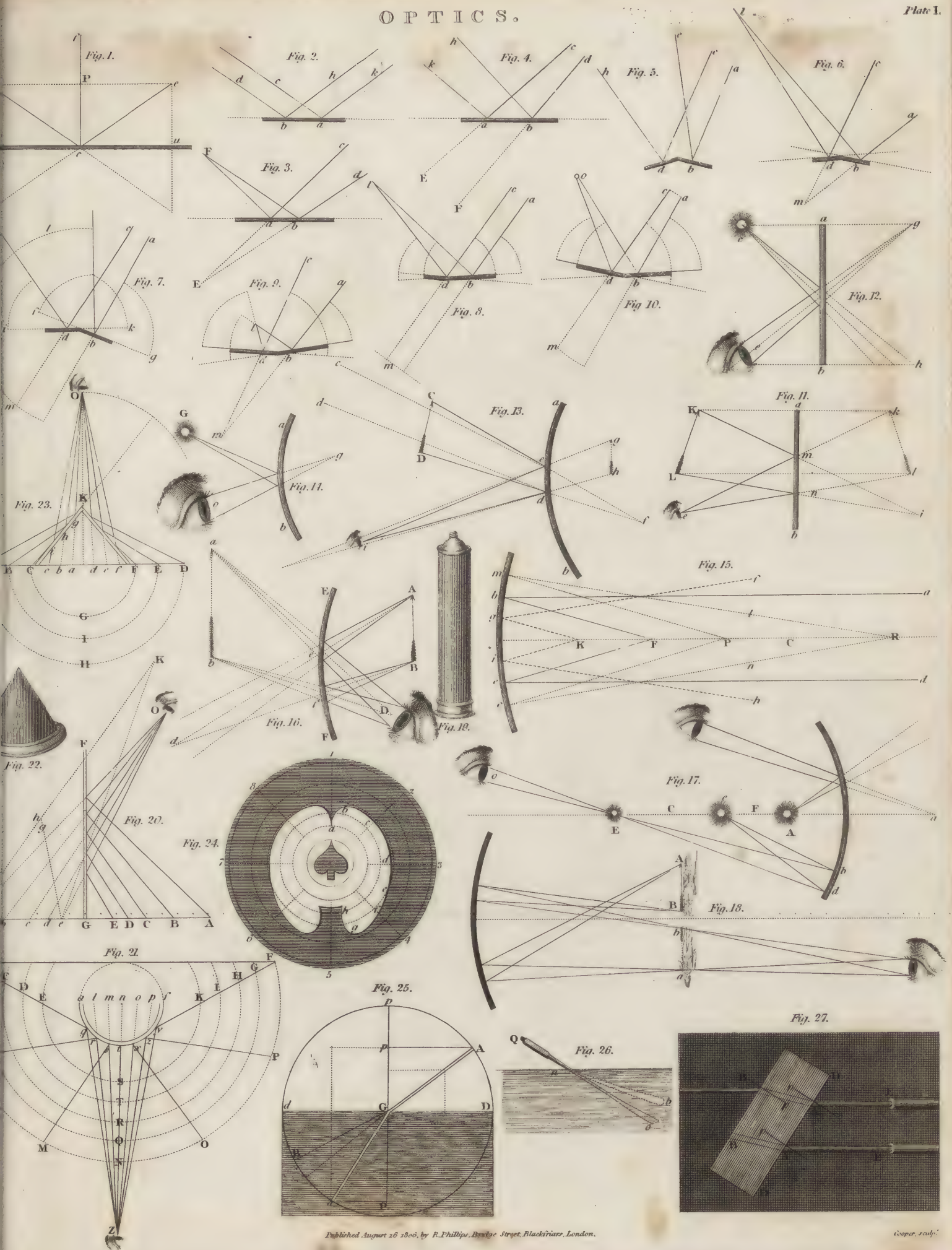
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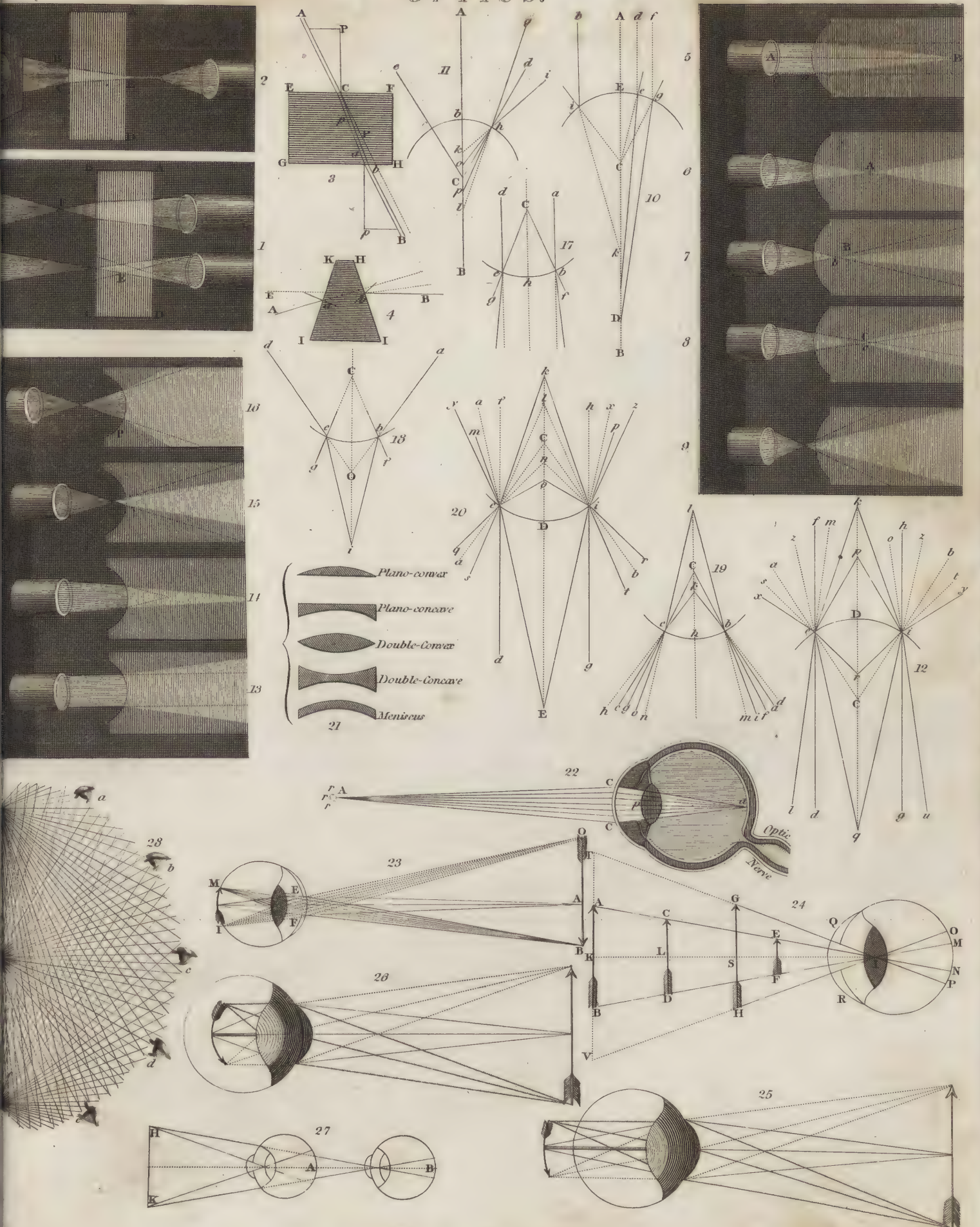
7 Ordnance boring

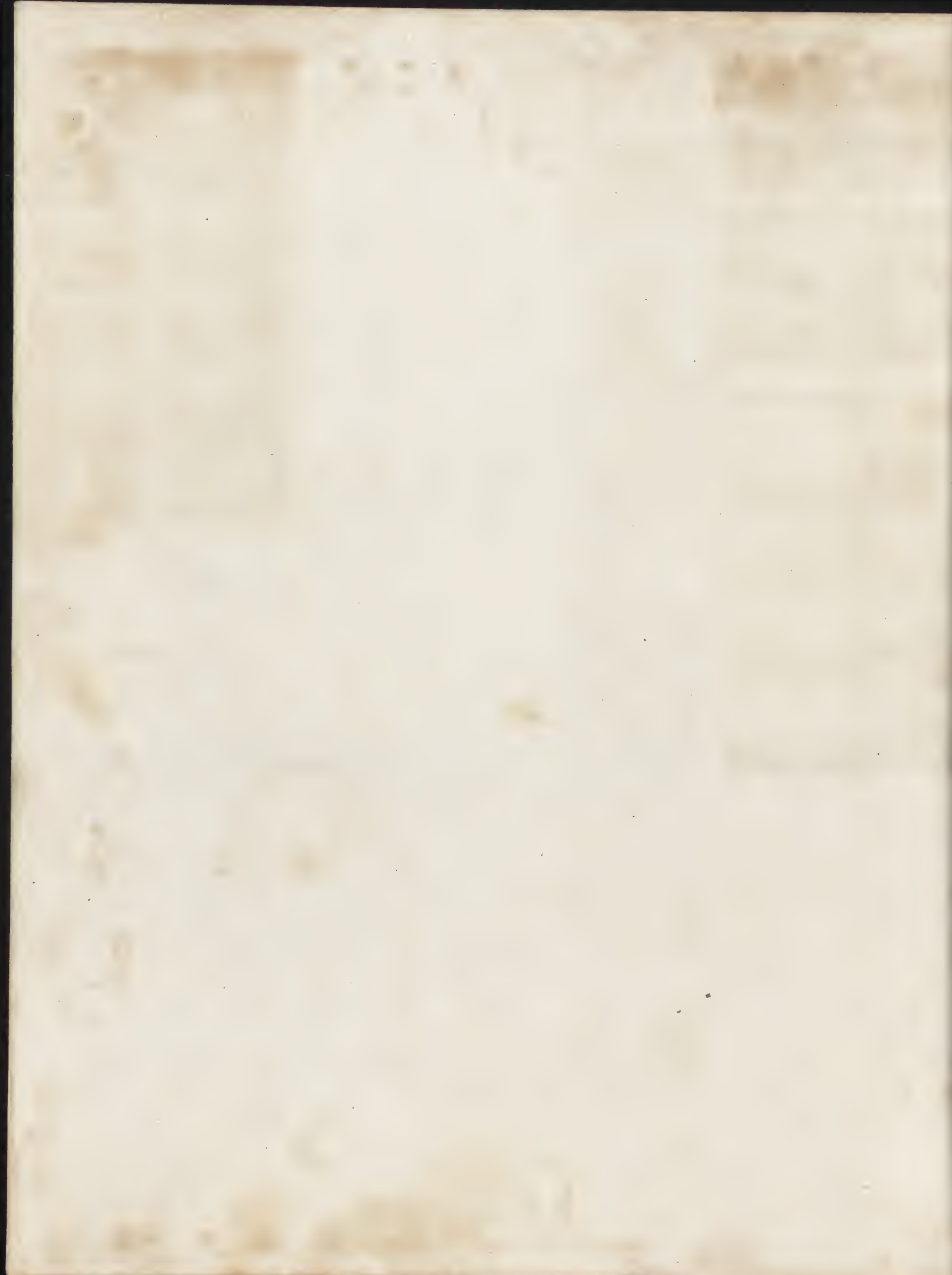




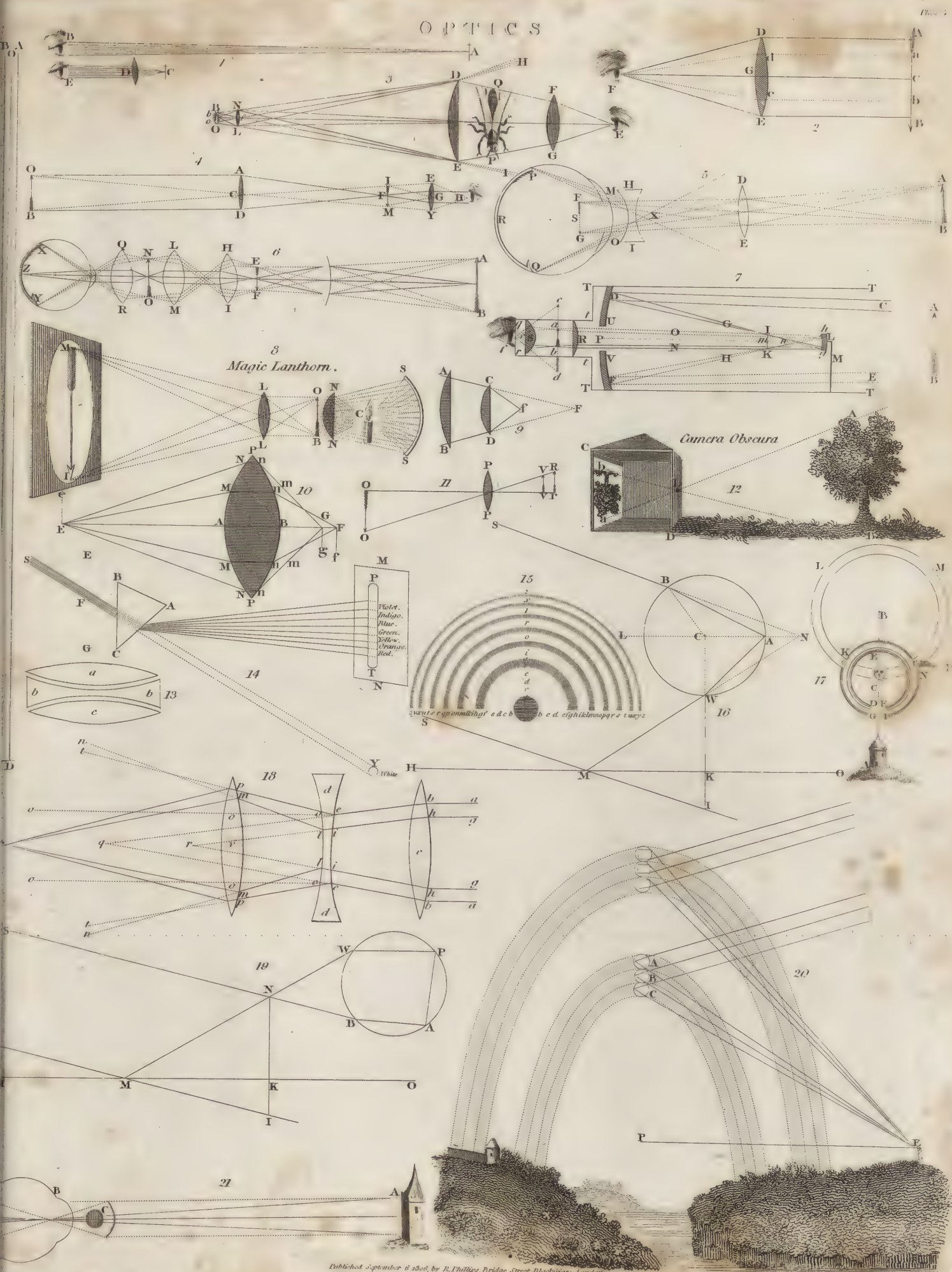






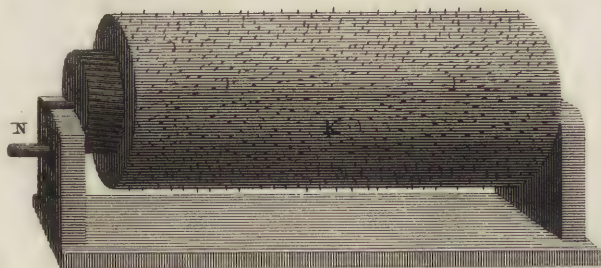


OPTICS

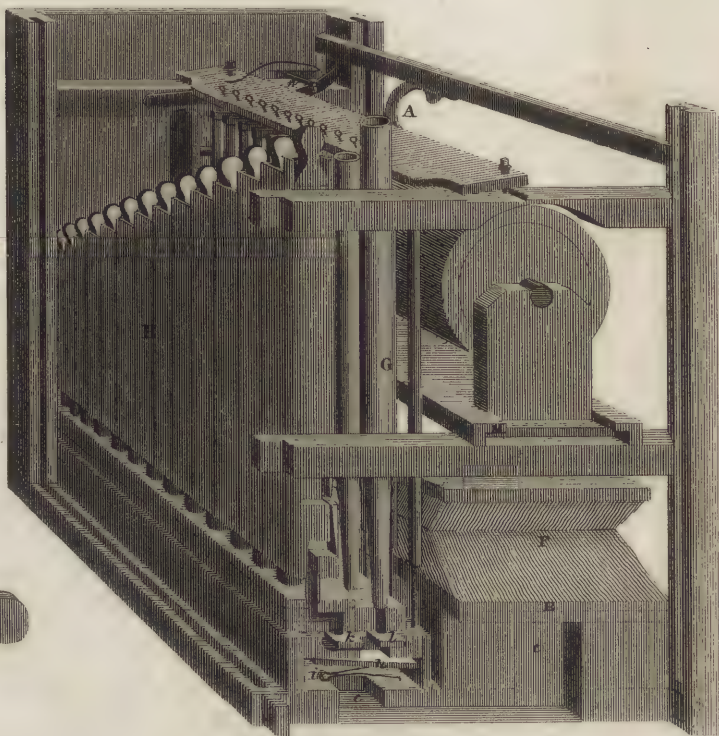




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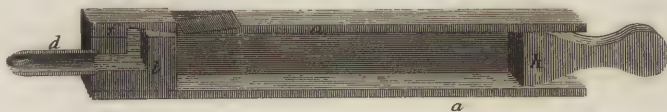
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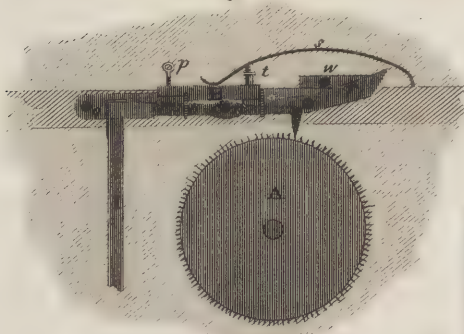
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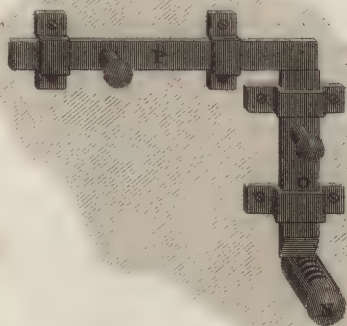
4



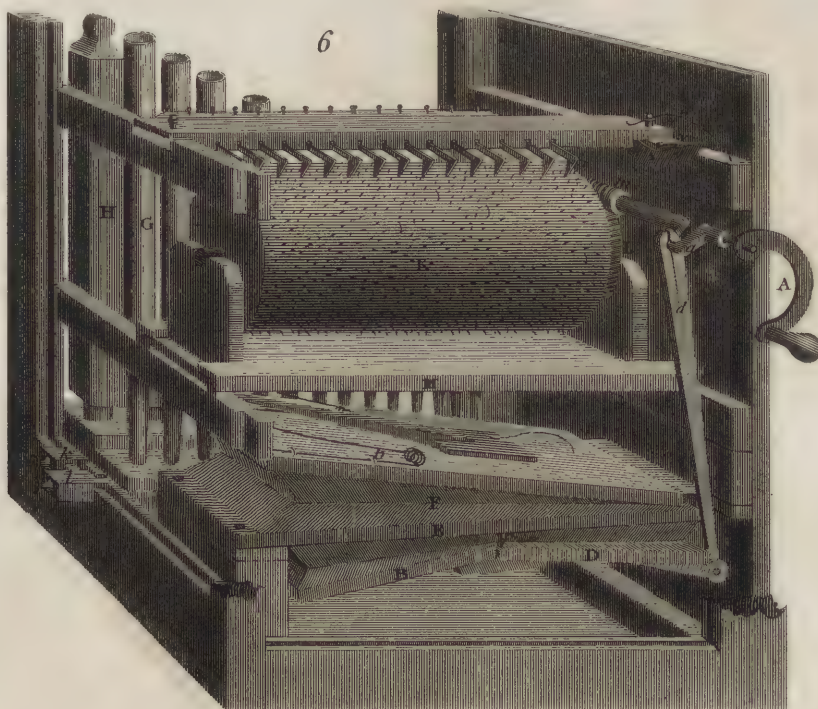
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7



6







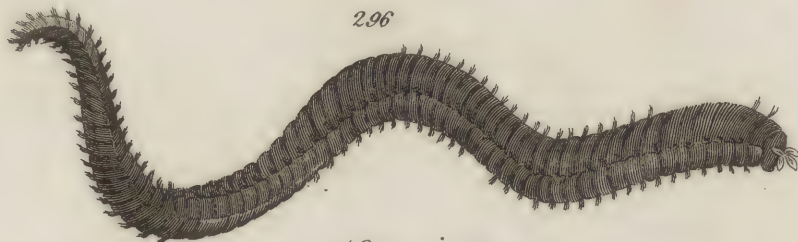
Nepa linearis



Nereis cerulea



Nereis cerulea



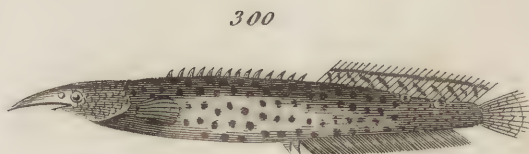
Nereis gigantea



Numidia meleagris
Guinea hen



Nicotiana glauca
Tobacco



Ophidium aculeatum
Prickly ophidium



Ostracion quadricornis



Oestrus taeniorhynchus



Nepa cinerea



Oriolus picus
Climbing Oriole



Ornithorhynchus paradoxus



Oriolus spammorrhous
Red rumped Oriole





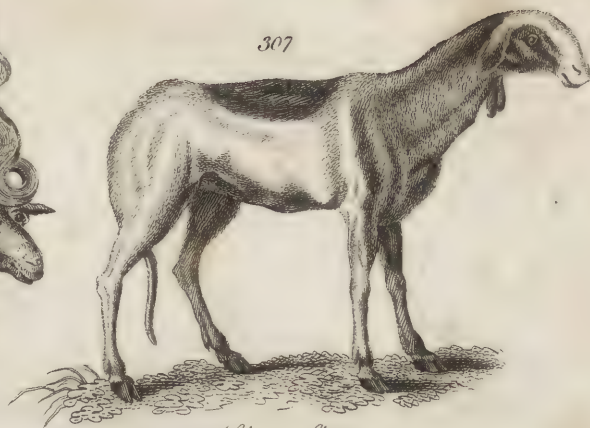
305

Olis Tarda



306

Cretan Sheep



307

African Sheep



308

African Sheep



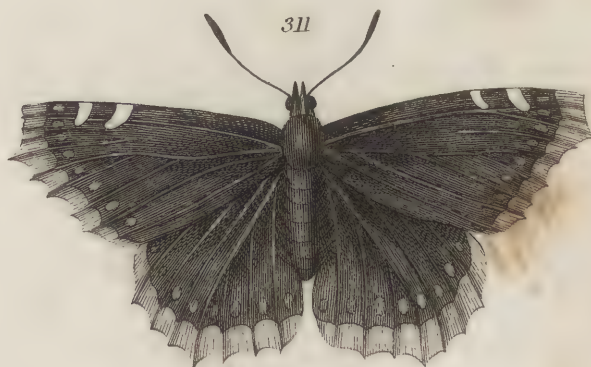
310

Panorpa coa



309

Palaemon homari



311

Papilio antiope



312

Papilio galathea



315

Paradise spota
bird of paradise



314

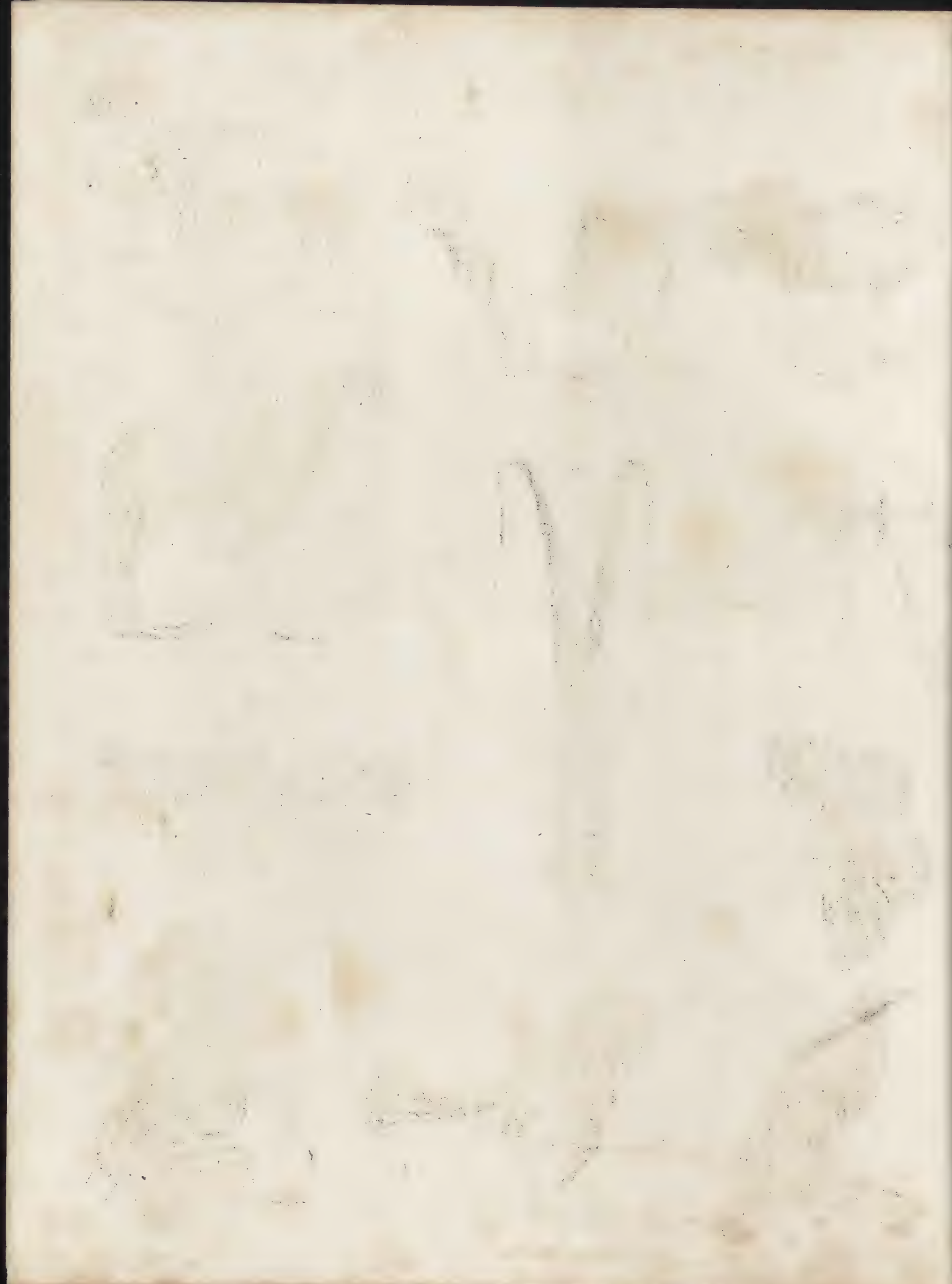
Parus macrocephalus
Great headed Titmouse



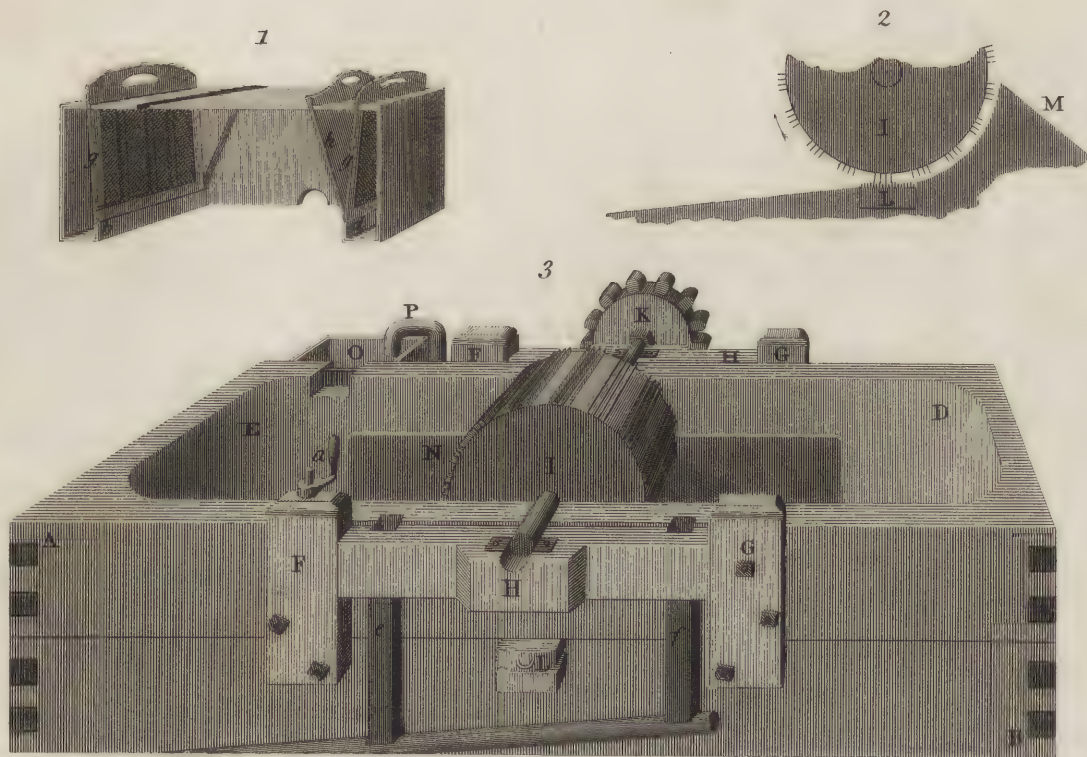
313

Papilio Hector

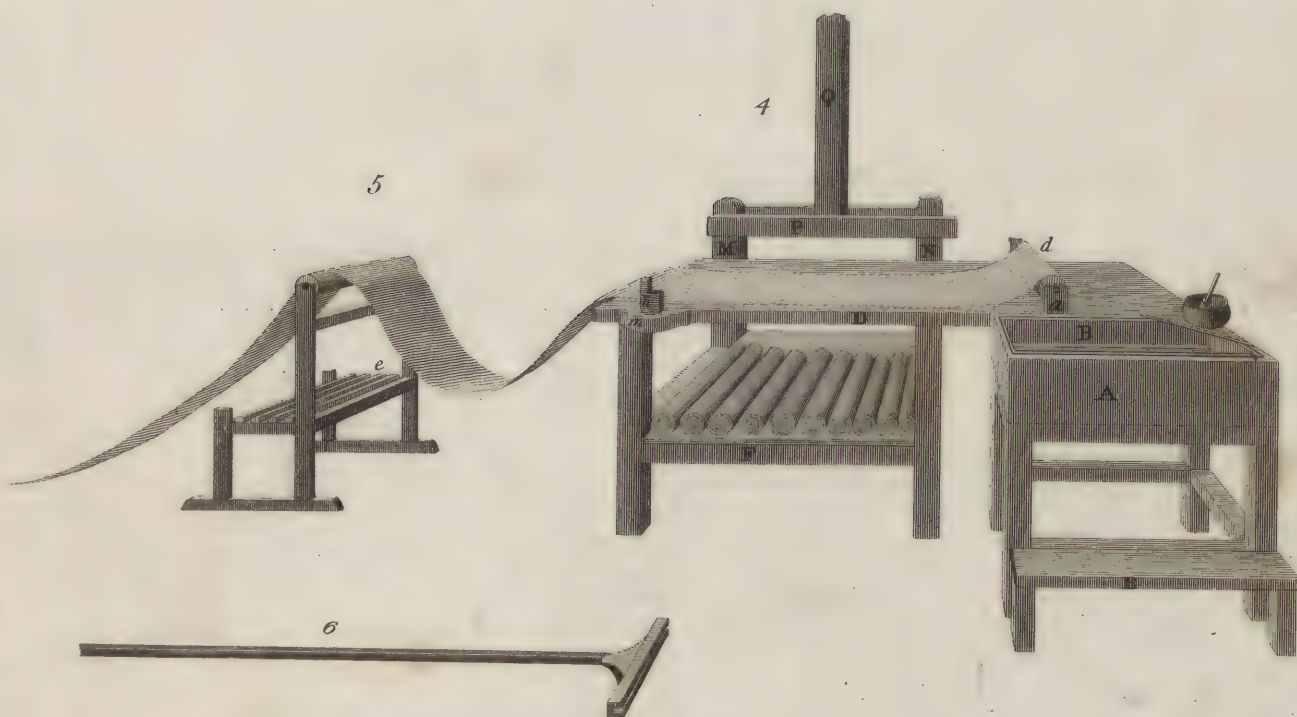
H. 222

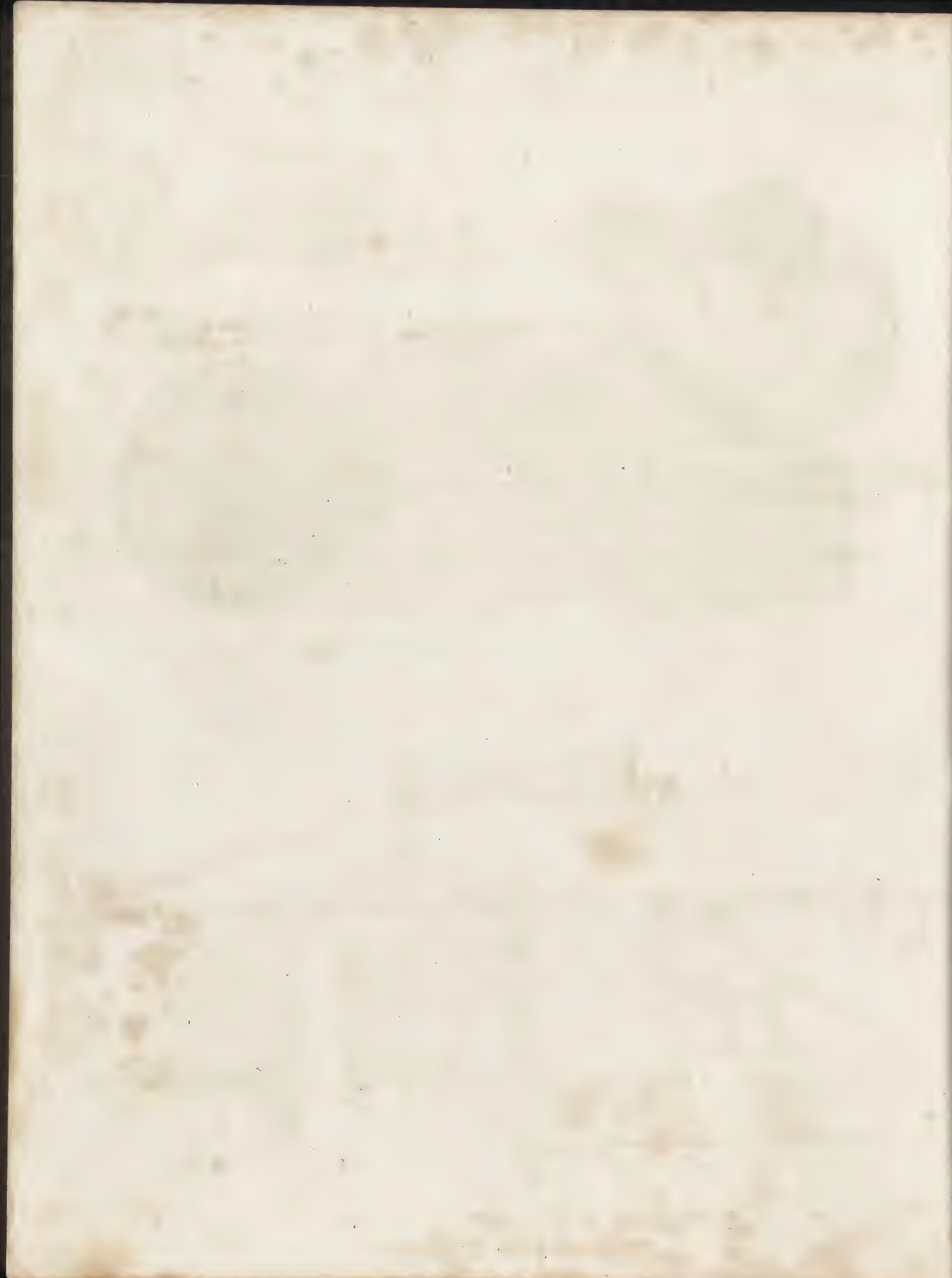


PAPER MILL

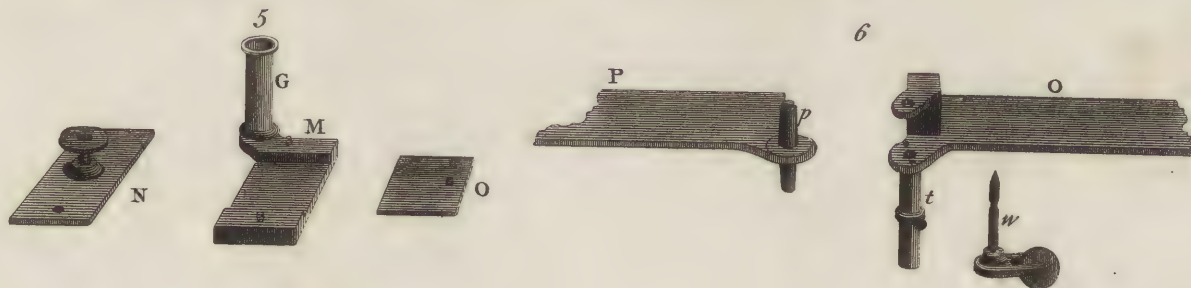
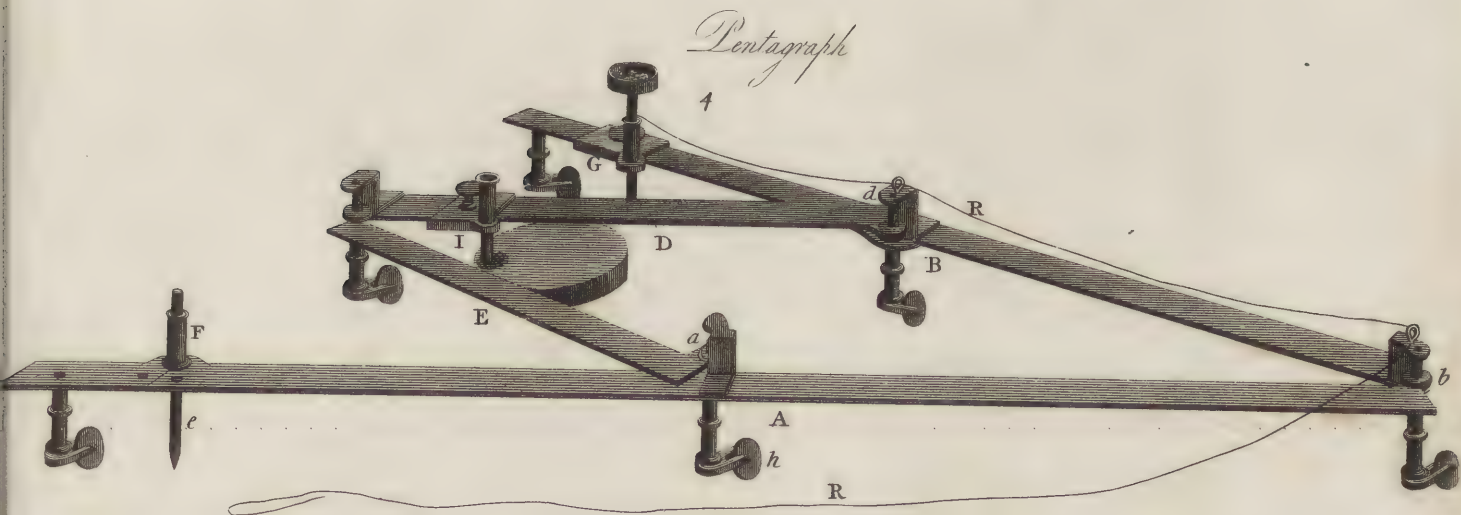
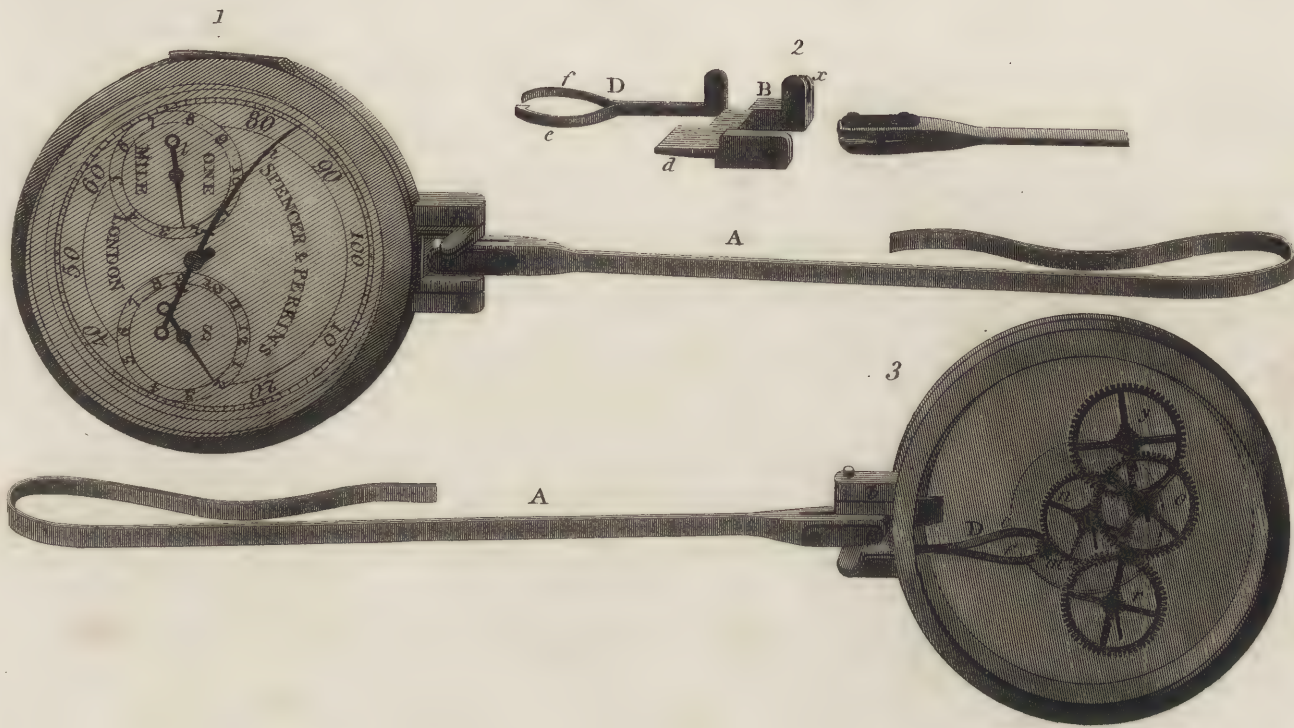


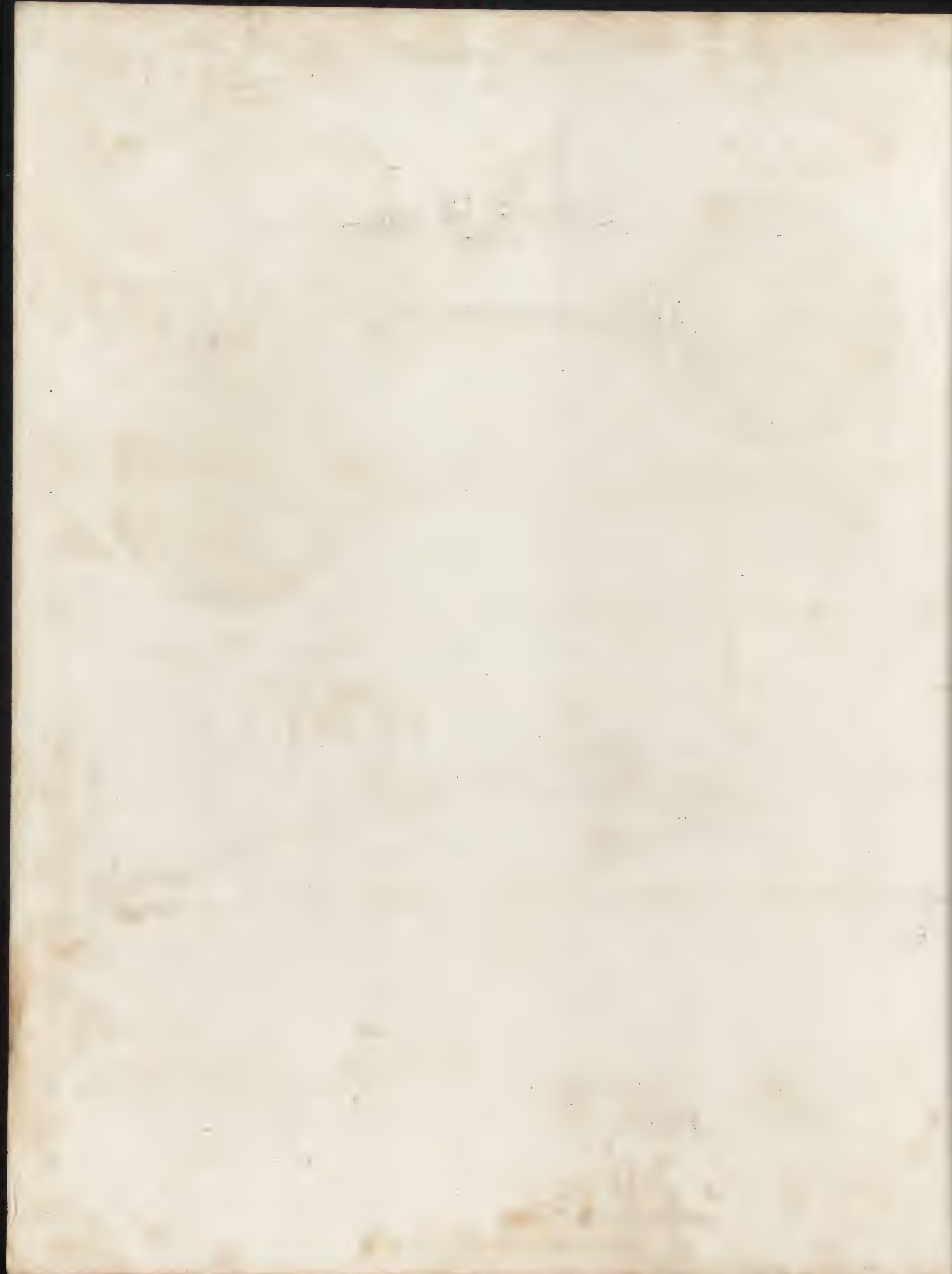
Paper Staining.



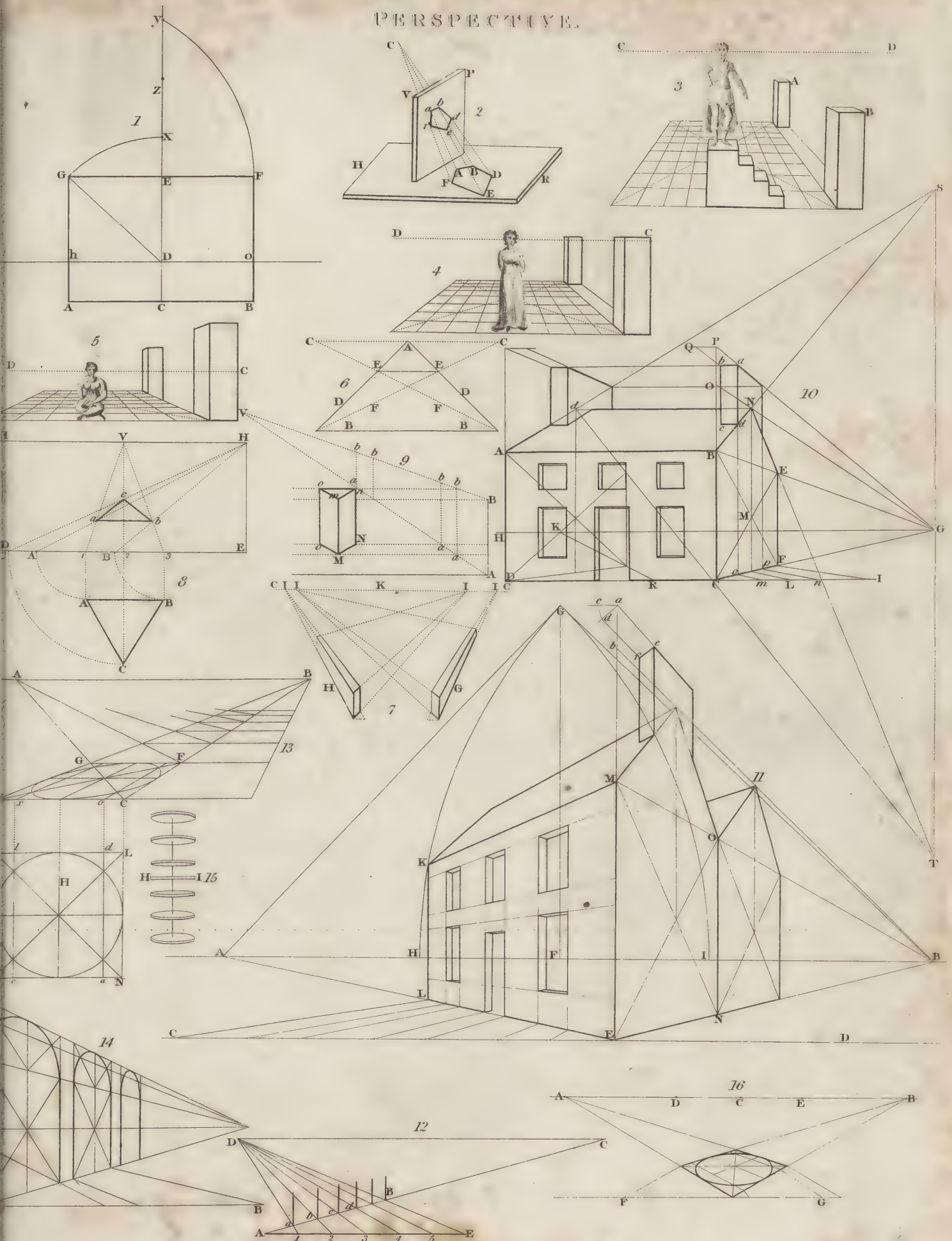


PEDOMETER.





PERSPECTIVE.



Parietaria officinalis
Pellitory of the wall

316



NATURAL HISTORY.

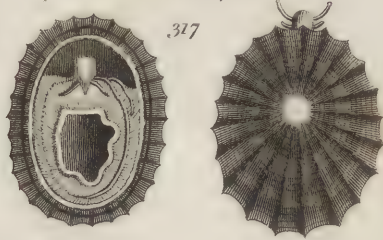
Pavo cristatus
Peacock

318



Pattella vulgata
Common Limpet

317



Pedicellaria tridens

319



Pelicanus

321



Penelope marail

322



Phalena hexadactyla

325



Gasus draconis

320



Phalena romana

327



Perca lucioperca
Perche

323



Perca vittata

324



Phalangium araneoides

329



Phalena humuli

326



Phalena quercifolia

328



Wells sculp.



NATURAL HISTORY.

Phenicopterus
Flamingo



Picus melanoleucos
Bull crested Wood pecker.



Phasianus pectoratus
Painted Pheasant



Phasianus parraea
Parraea Pheasant



Pipra rupicola
Rock Manakin



Phoca leonina
Bottle nosed Seal



Phoca vitulina
Sea Calf



Pittacus erythrocephalus
Blossom headed Parakeet



Pipra albifrons
White Headed Manakin



Pittacus severus
Brazil Green Macao



Pistacia vera

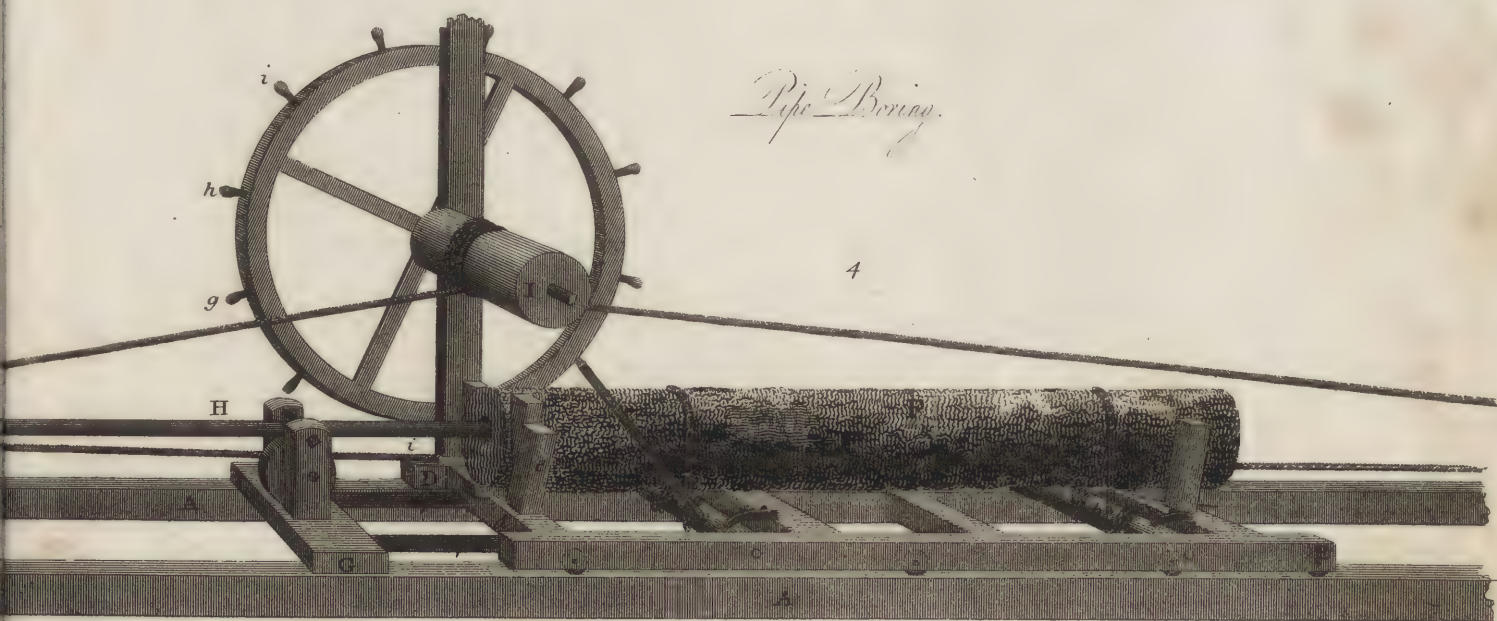
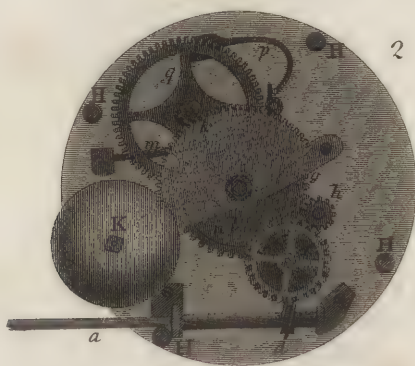
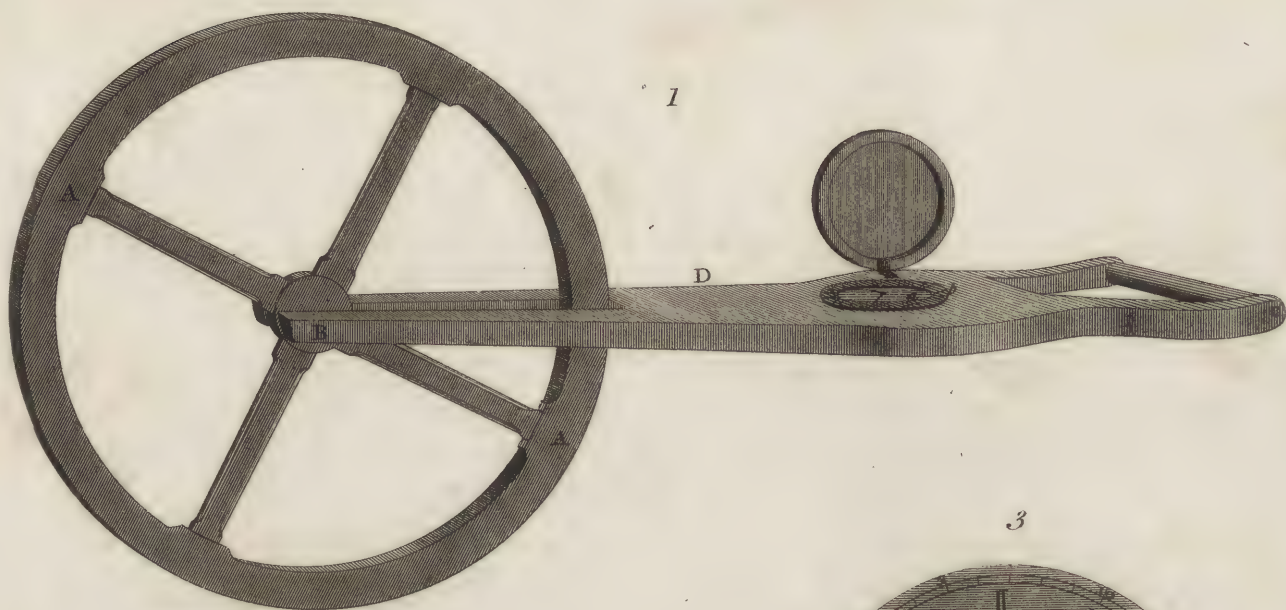


Psoptria crepitans
Gold Breasted Trumpeter





PERAMBULATOR, &c.



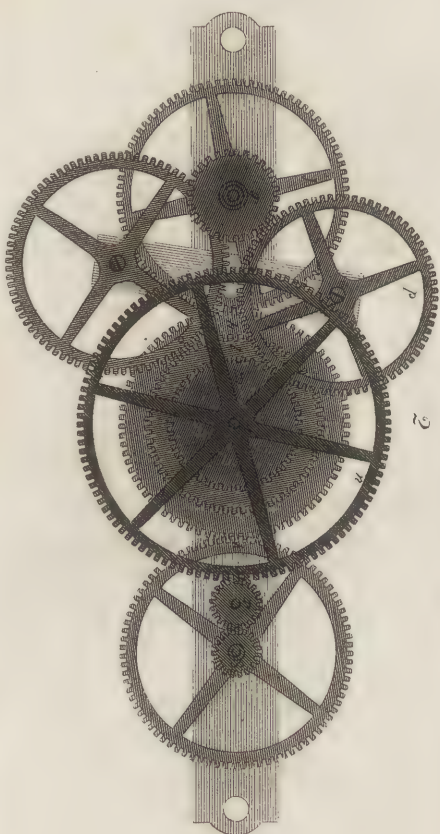
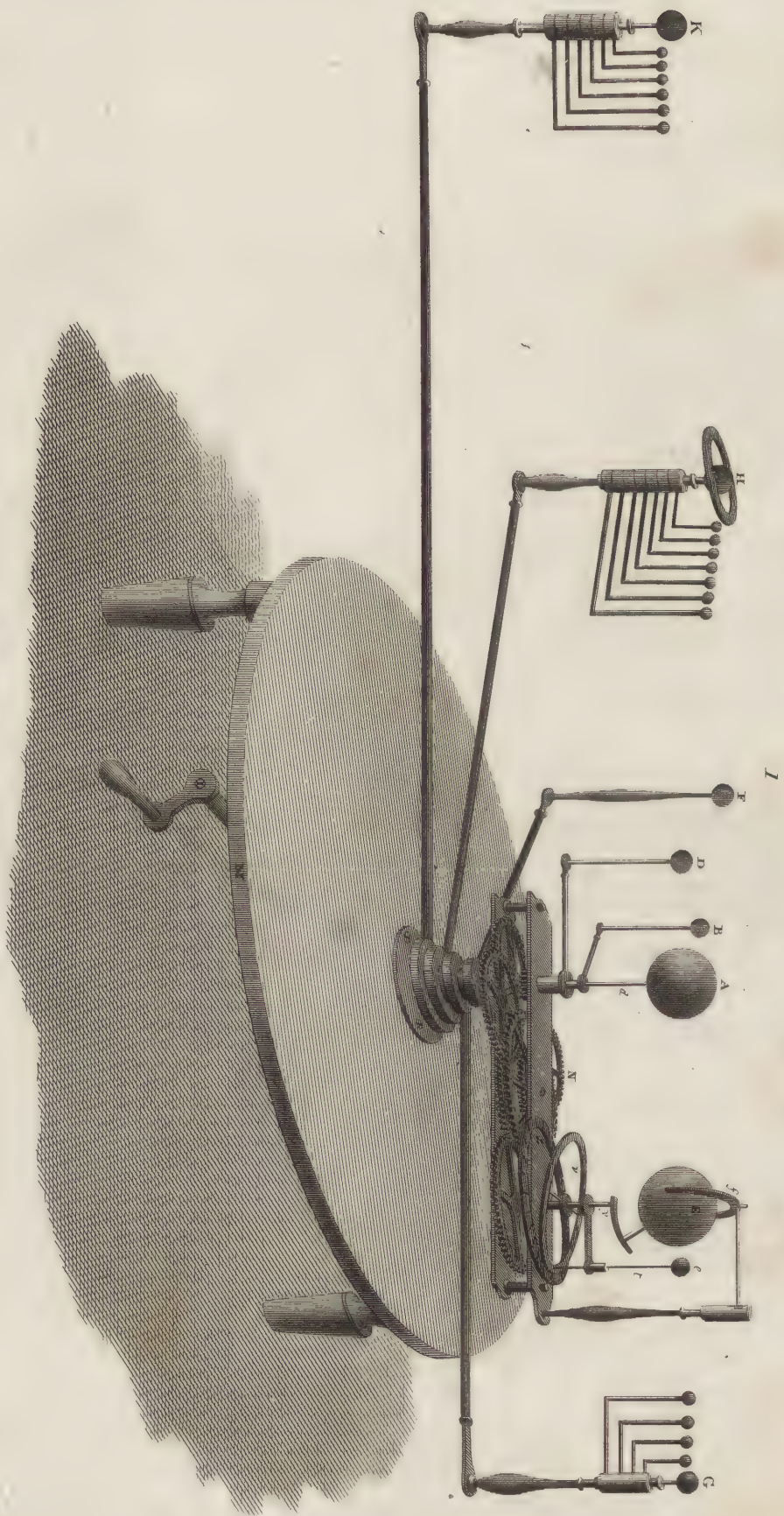
Printed Nov. 1-1866 for Richard Phillips New Bridge St. Blackfriars

Pargy jun^r. del.

Forster sc.



PLANETARIUM.





PNEUMATICS.

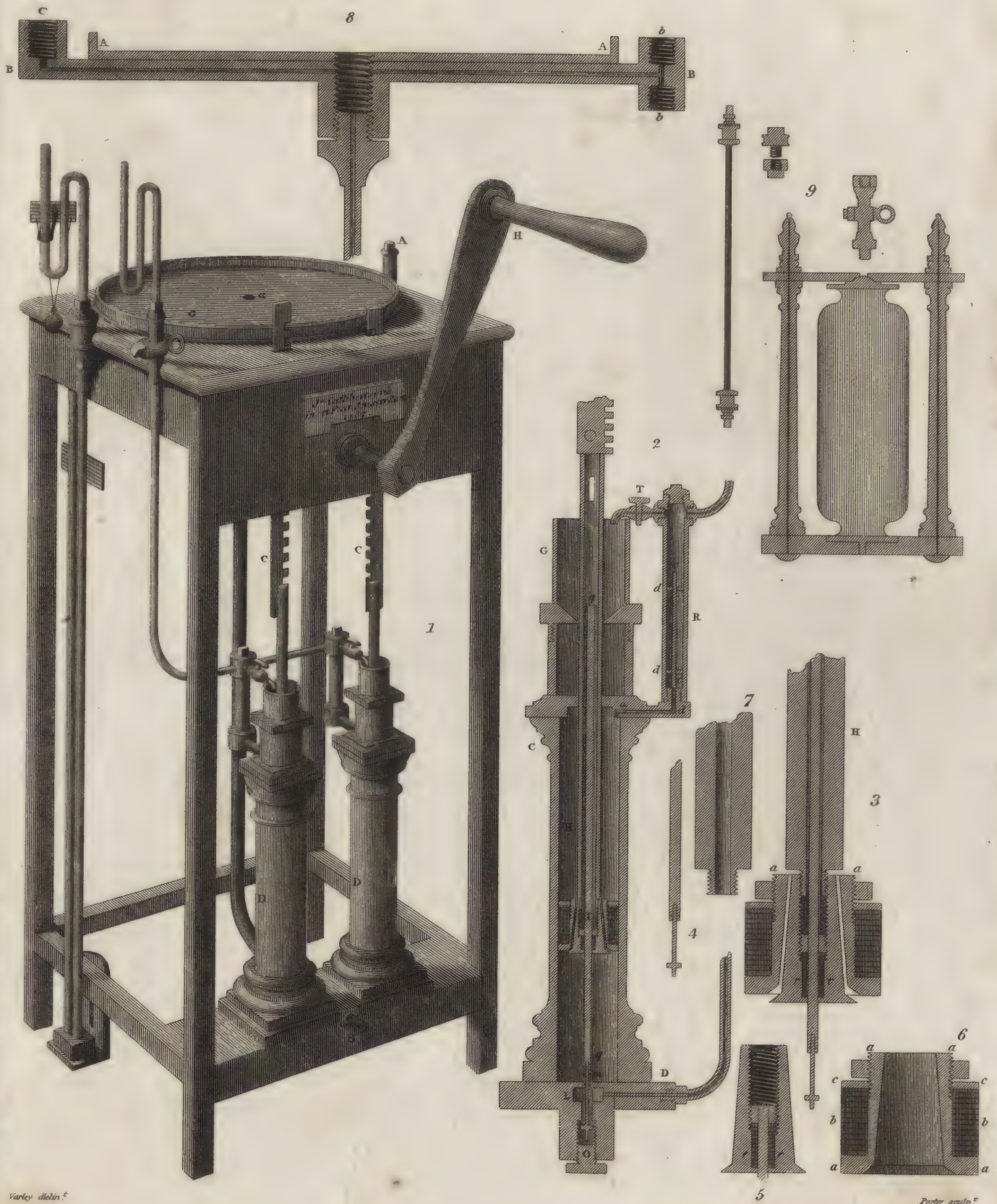




PNEUMATICS.

PL.II.

Cuthbertson's Air - Pump.

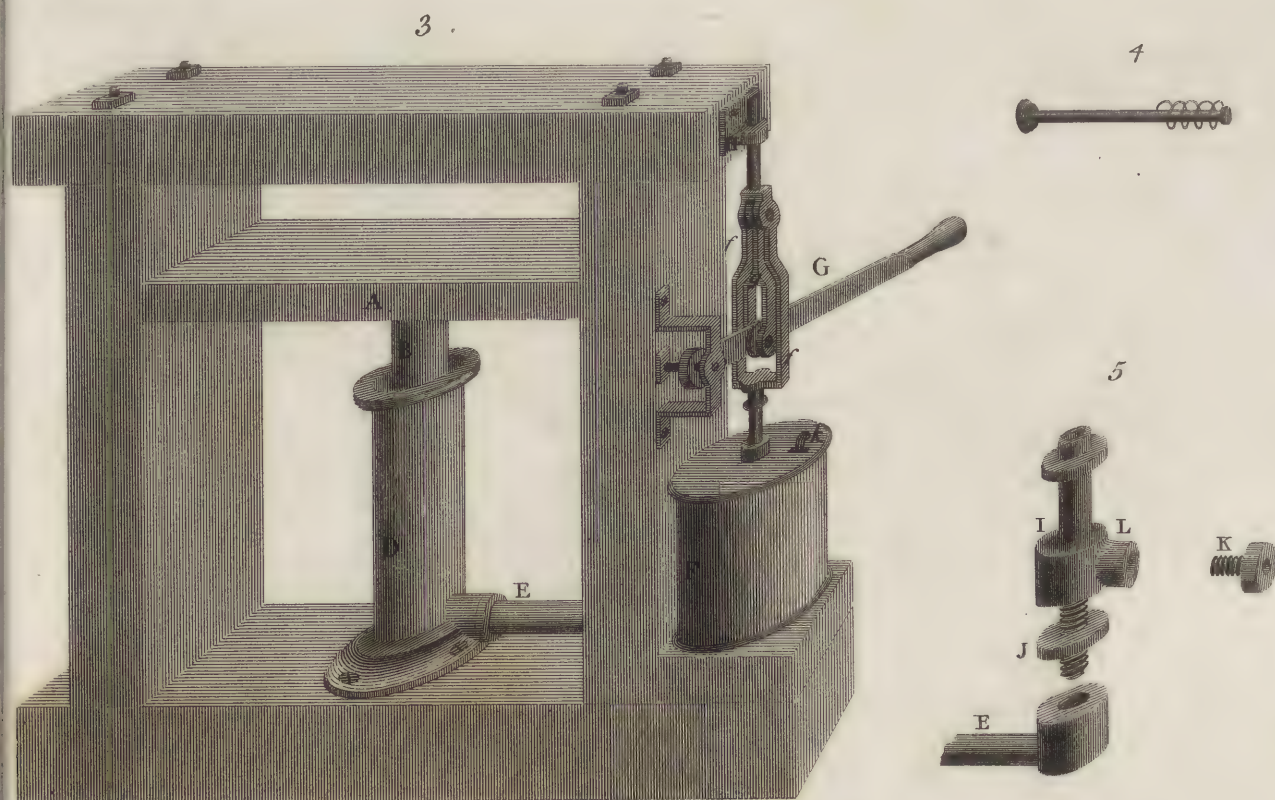
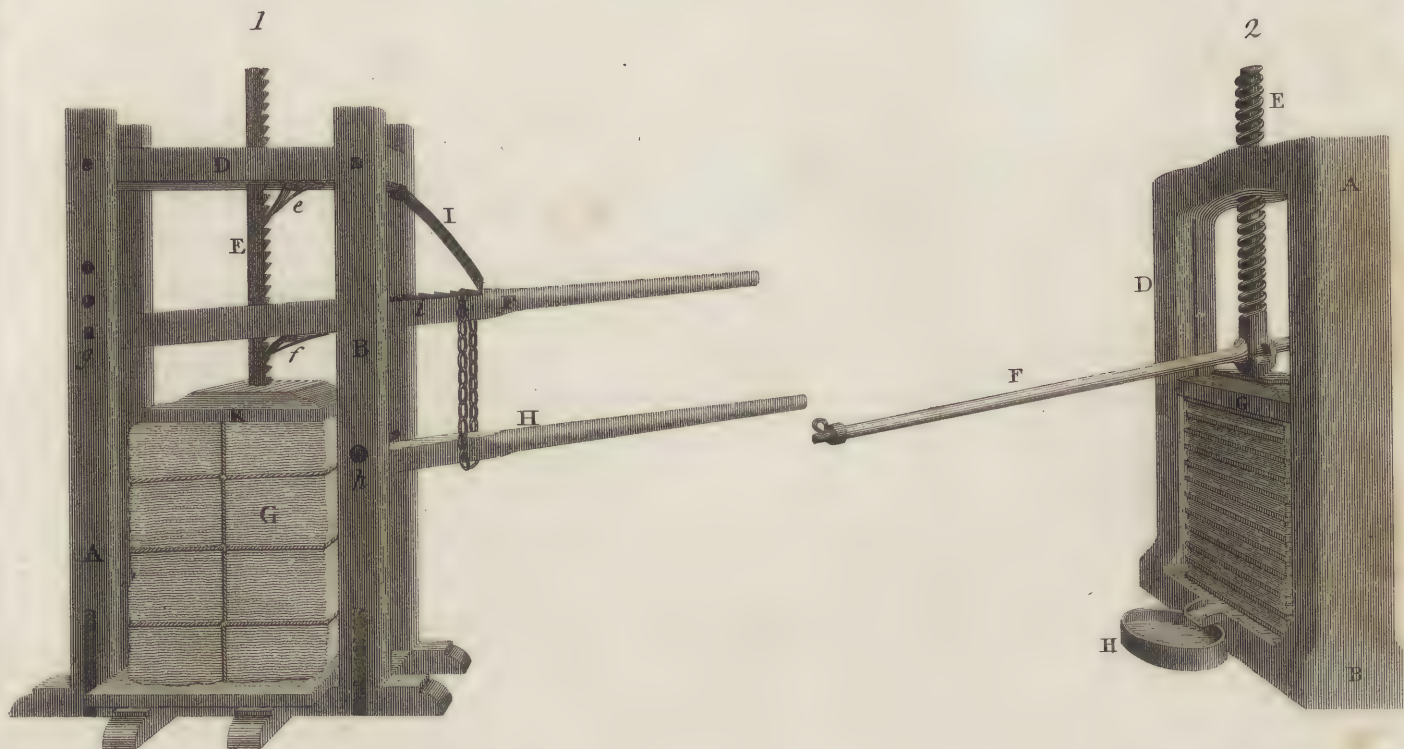


Varley delin. &

Porter sculp. &

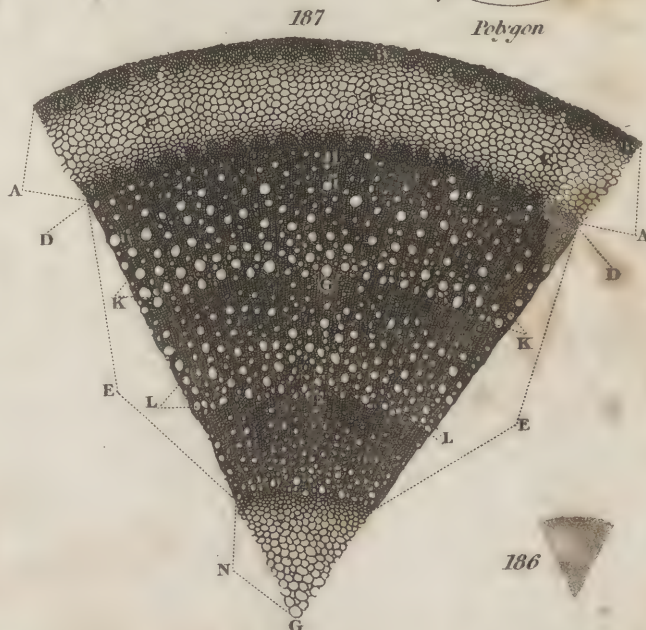
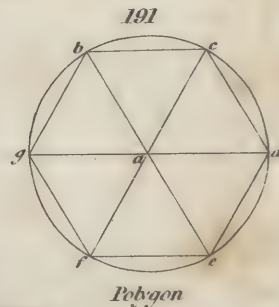
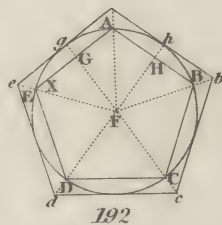
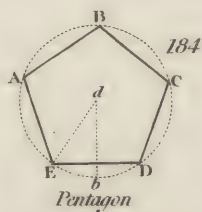
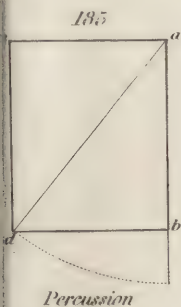
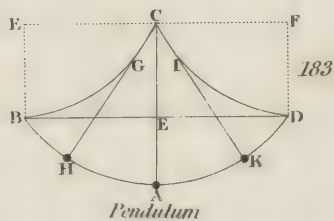
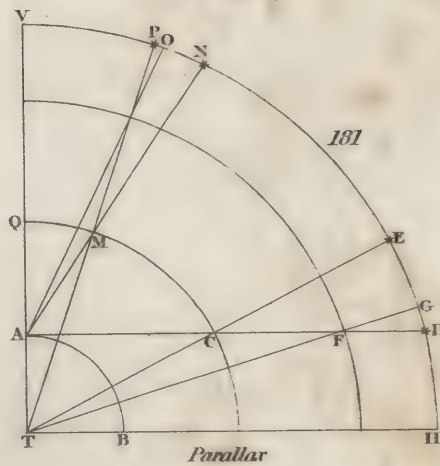
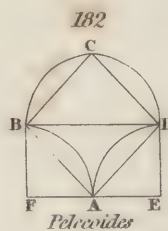
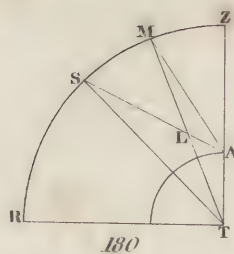
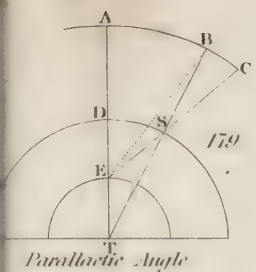


PRESSES .

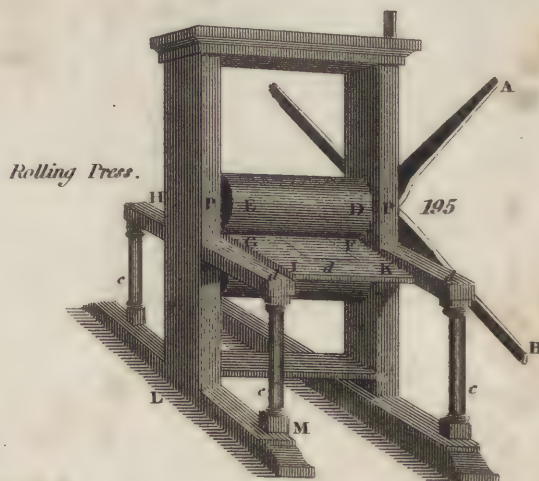
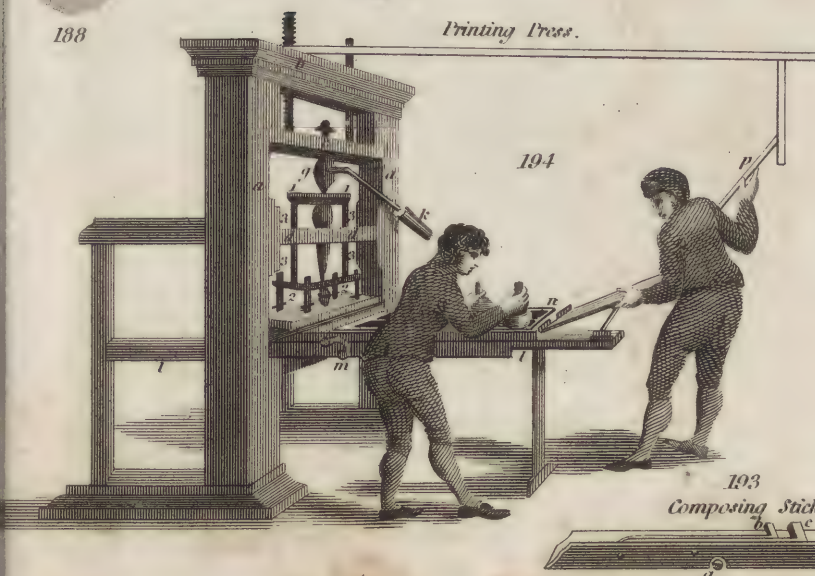




MISCELLANIES.



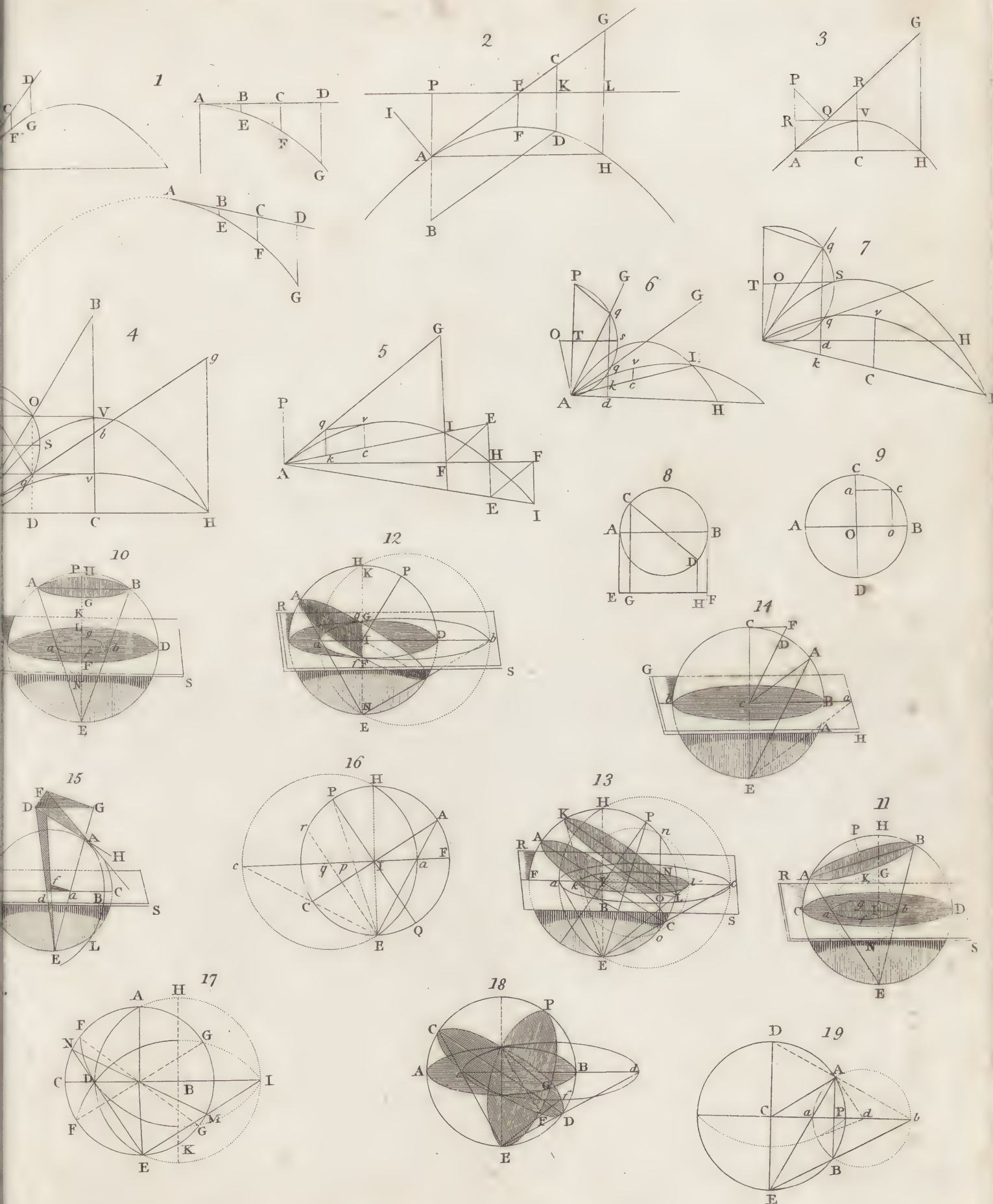
188



193
Composing Stick.

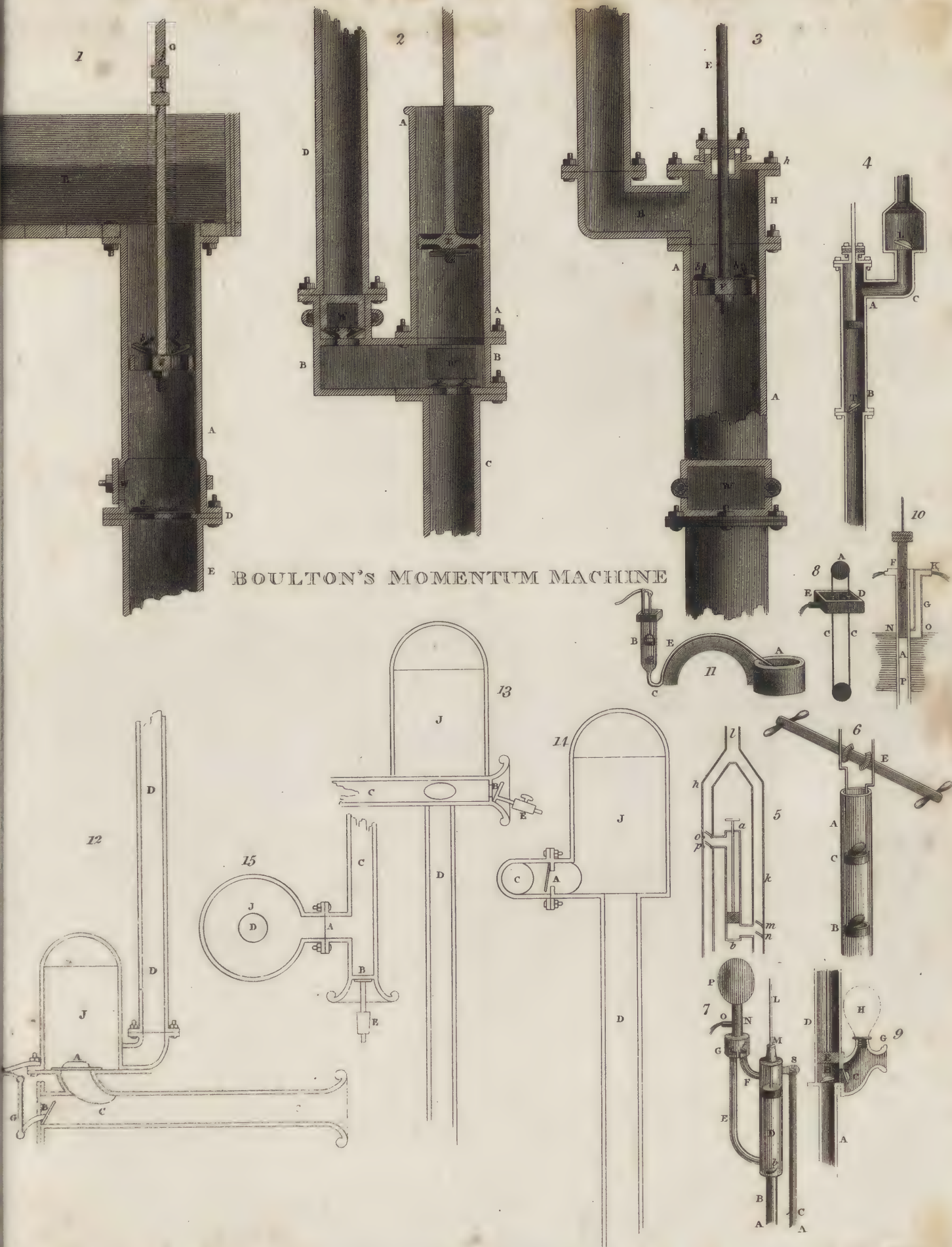








PUMP



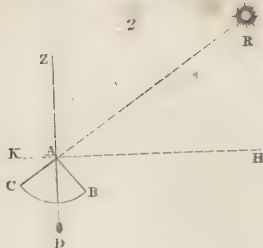
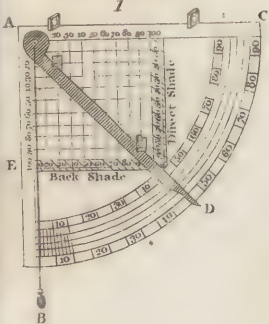
BOULTON'S MOMENTUM MACHINE

London

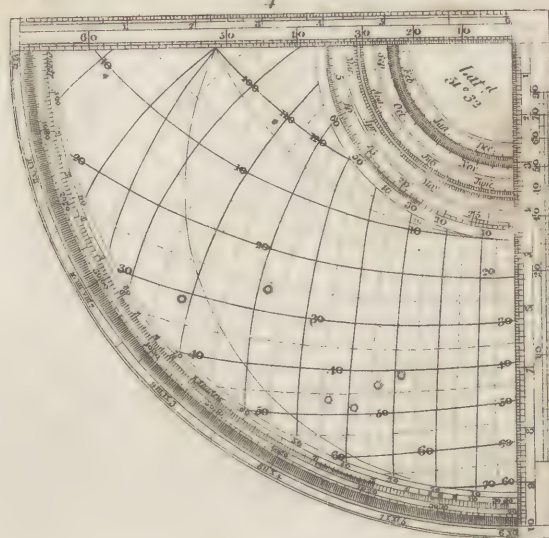


QUADRANTS.

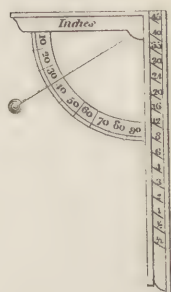
The Common



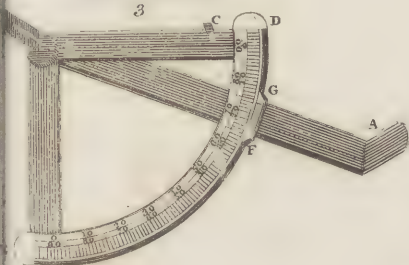
Sutton's Quadrant



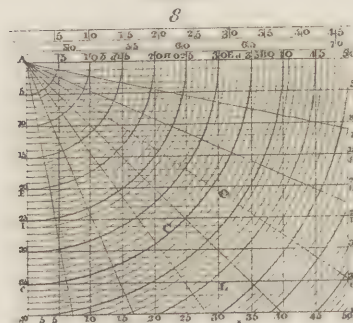
Gunner's Quadrant



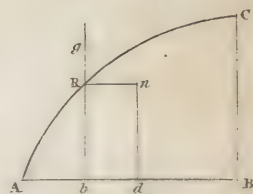
Cole's Quadrant



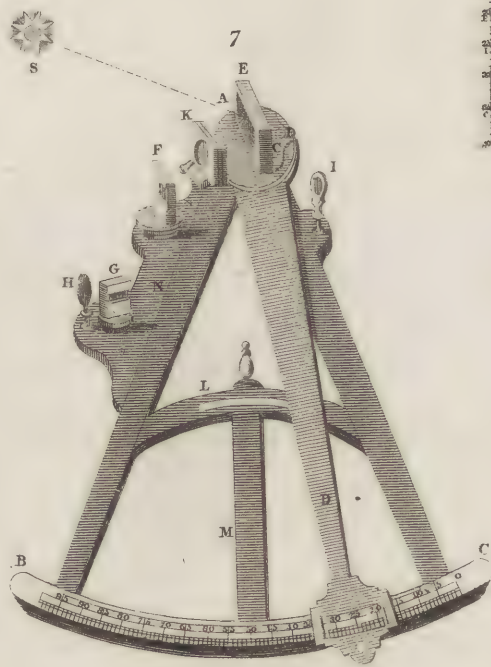
Simical



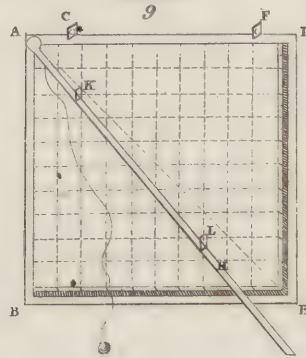
12



Gunter's

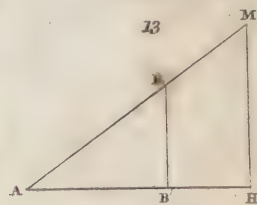


Quadrat

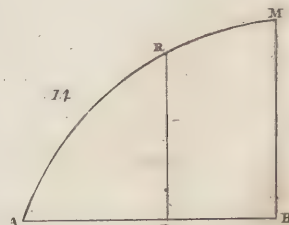


Quadrature

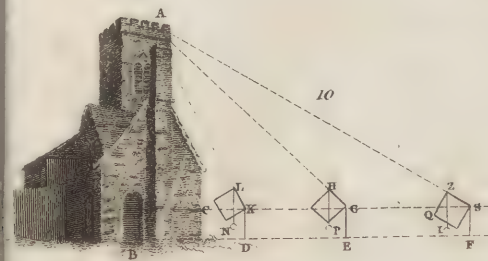
13



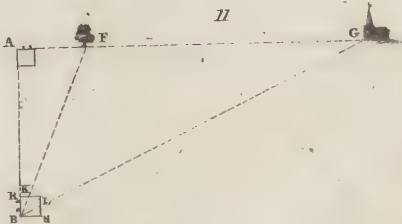
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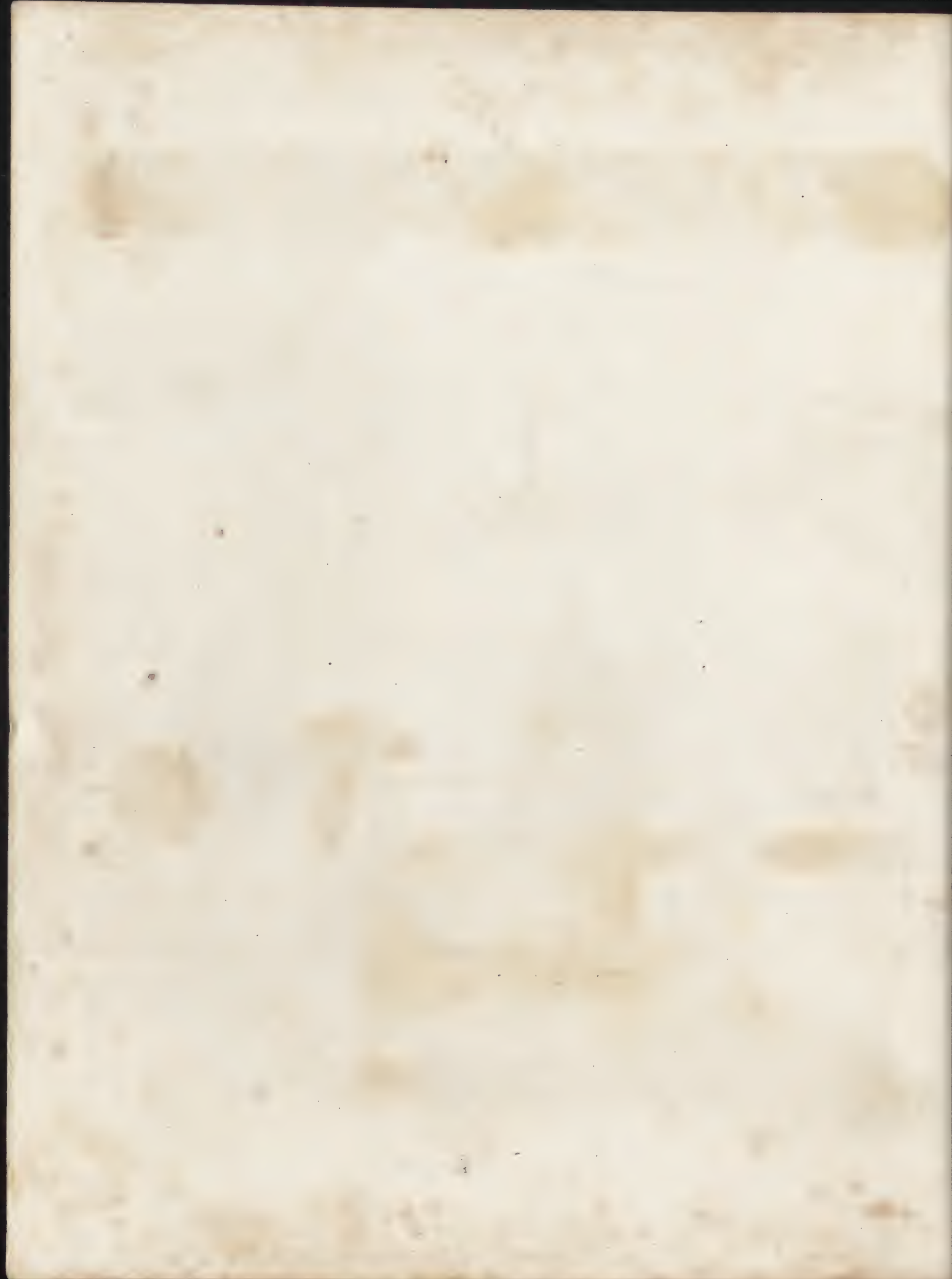


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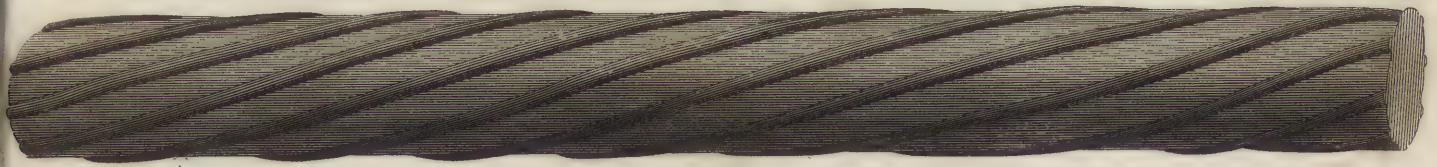


11

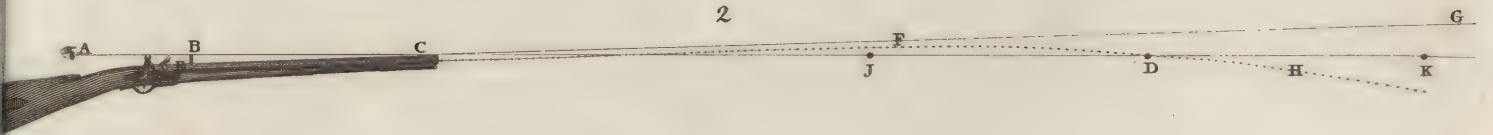




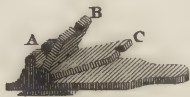
1



2

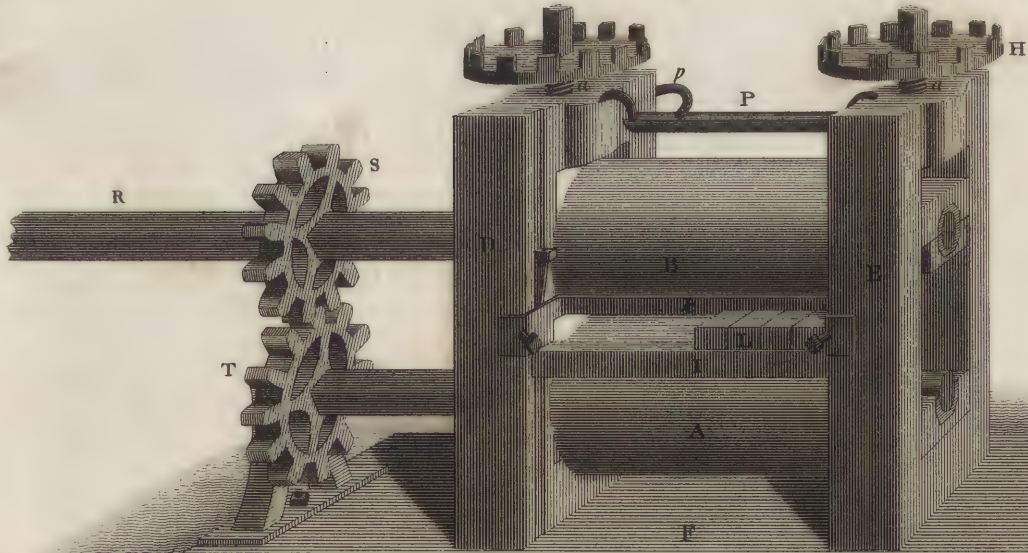


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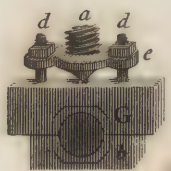


ROLLING MILL

3



4





342



Ramphastos dicolorus
Two throated toucan

343



Rana cornuta

344



Rana musica

348



Pyrrhops

345



Recurvirostra avocetta
Scooping avocet

346



palmatum

350



Sapindus saponaria

347



Rhinoceros bicornis
Two horned Rhinoceros

353



Scarabaeus nasicornis

351



Scarabaeus fulvo

349



Salmo Salar
Salmon

352



Scarabaeus hercules

354

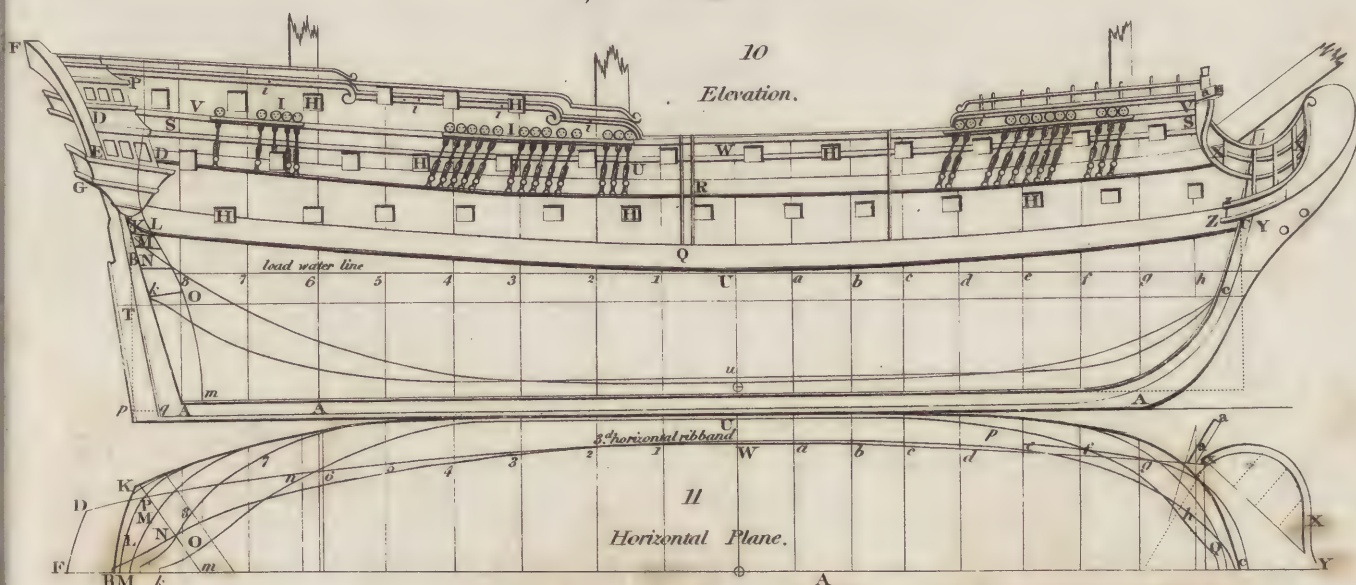
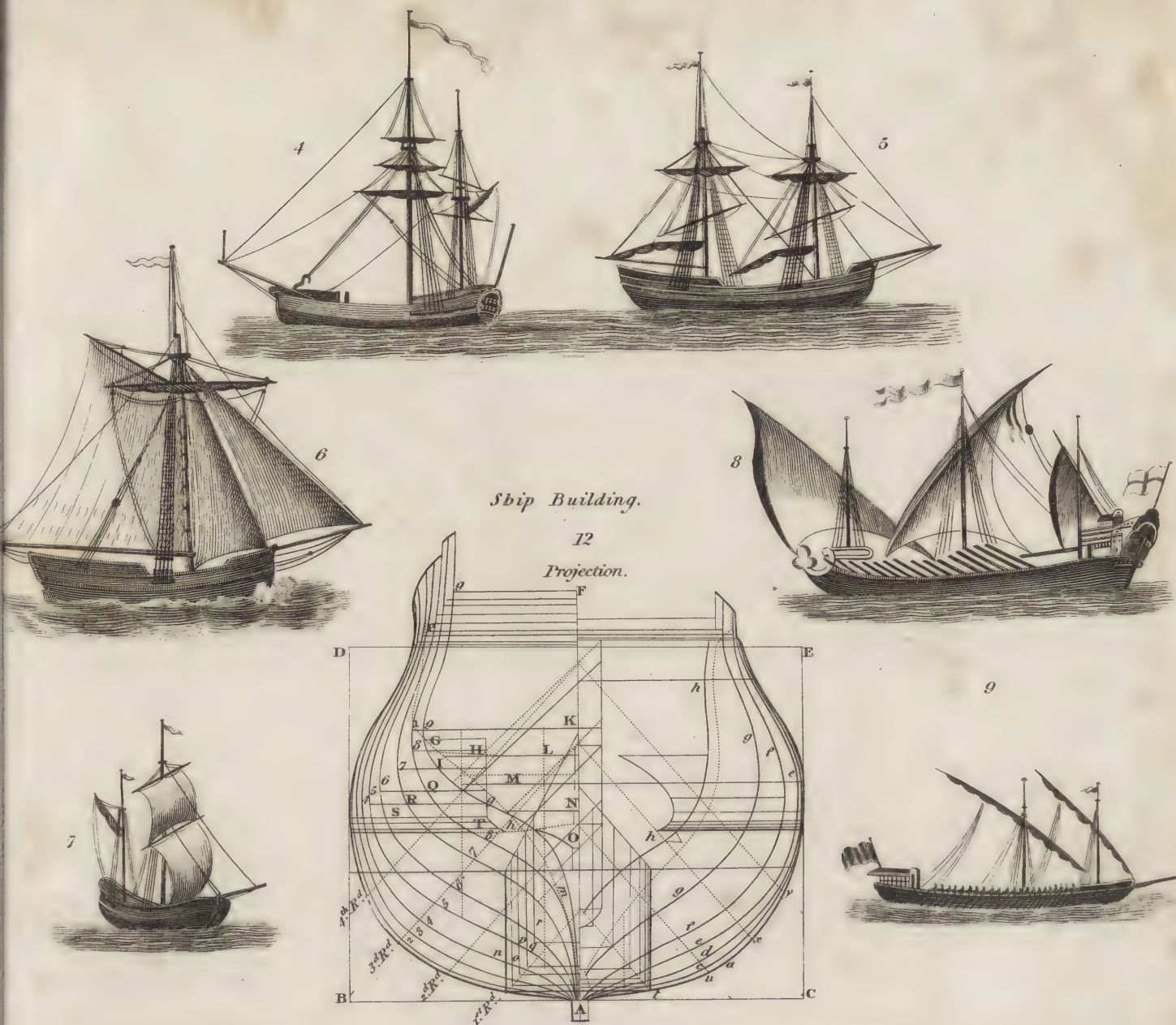


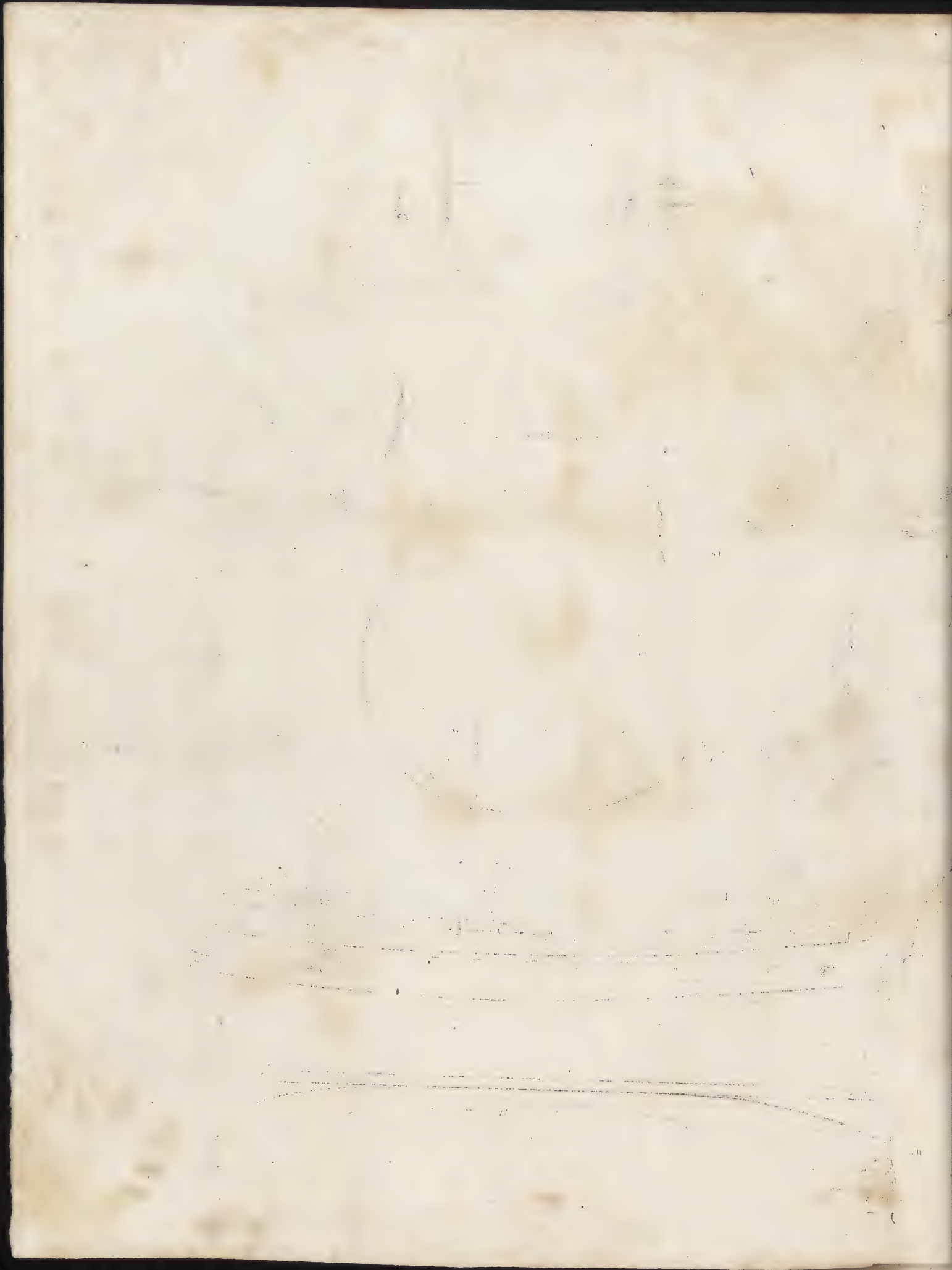
Sciurus maximus
Malabar Squirrel

Heath Sc

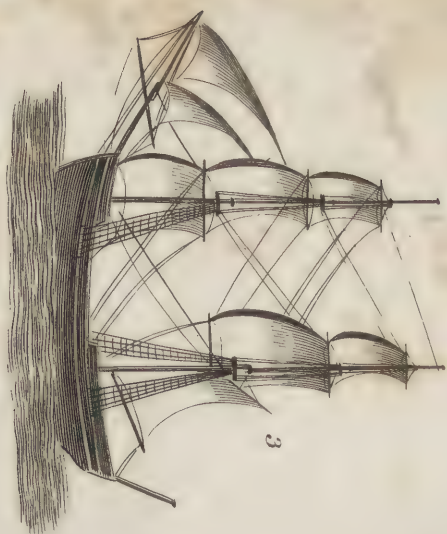


SHIPS.

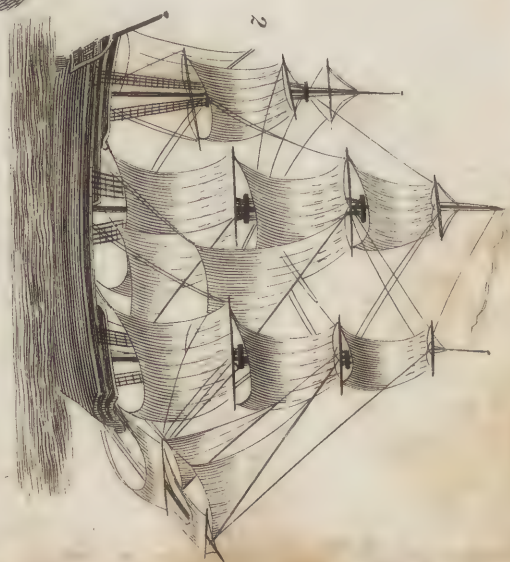




SHIPS.



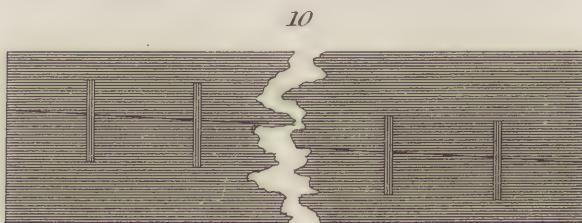
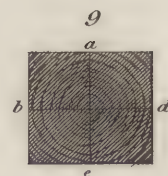
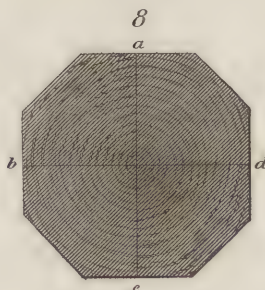
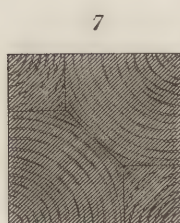
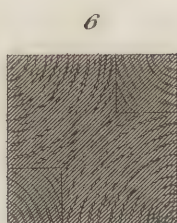
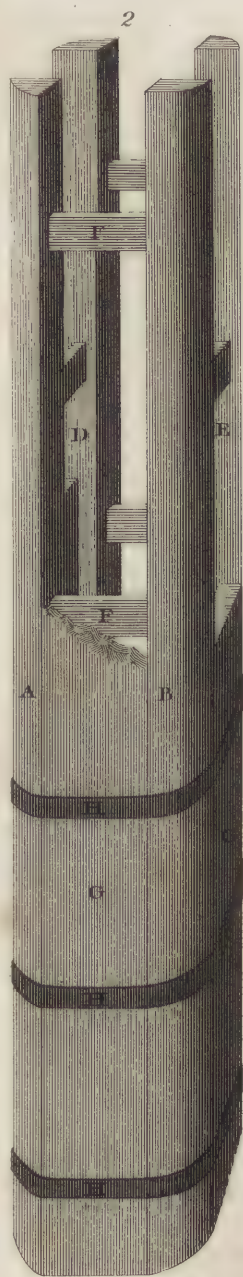
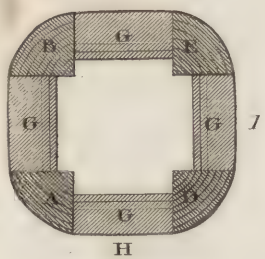
A First-rate Ship of War with Rigging &c. at Anchor.





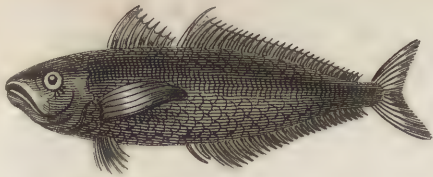
SHIP BUILDING.

Masts & Timber





356



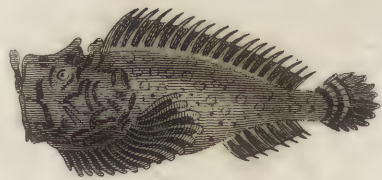
Somber trachurus

355



Scolopendra forficata

357



Scorpiona horrida

358



Scyllarus orientalis

359



Selenites

363



Simia diana

360



Silurus costatus

364



Simia nasua

361



Silpha quadripunctata

365



Simia nemorus

362



Silpha vespillo

366



Simia rosalia



372



Spigelia anthelmia
Worm grass

369



Sphar aculeipes

368



Sorex marchatus

367



Siren lacertina

371



Sphinx tilia

370



Sphinx atropus

375



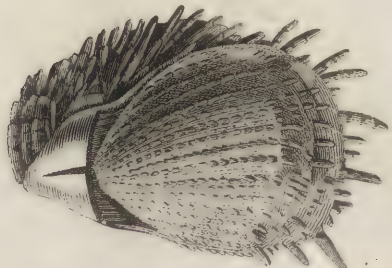
Squalus zygarus

374



Spongia oculata

373



Spondylus gardanopus

378



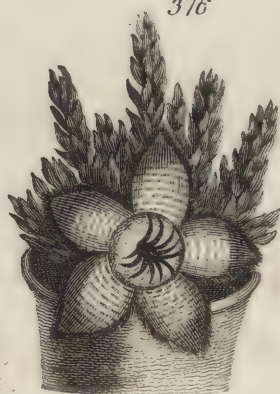
Strix Bubo
Great Owl

377

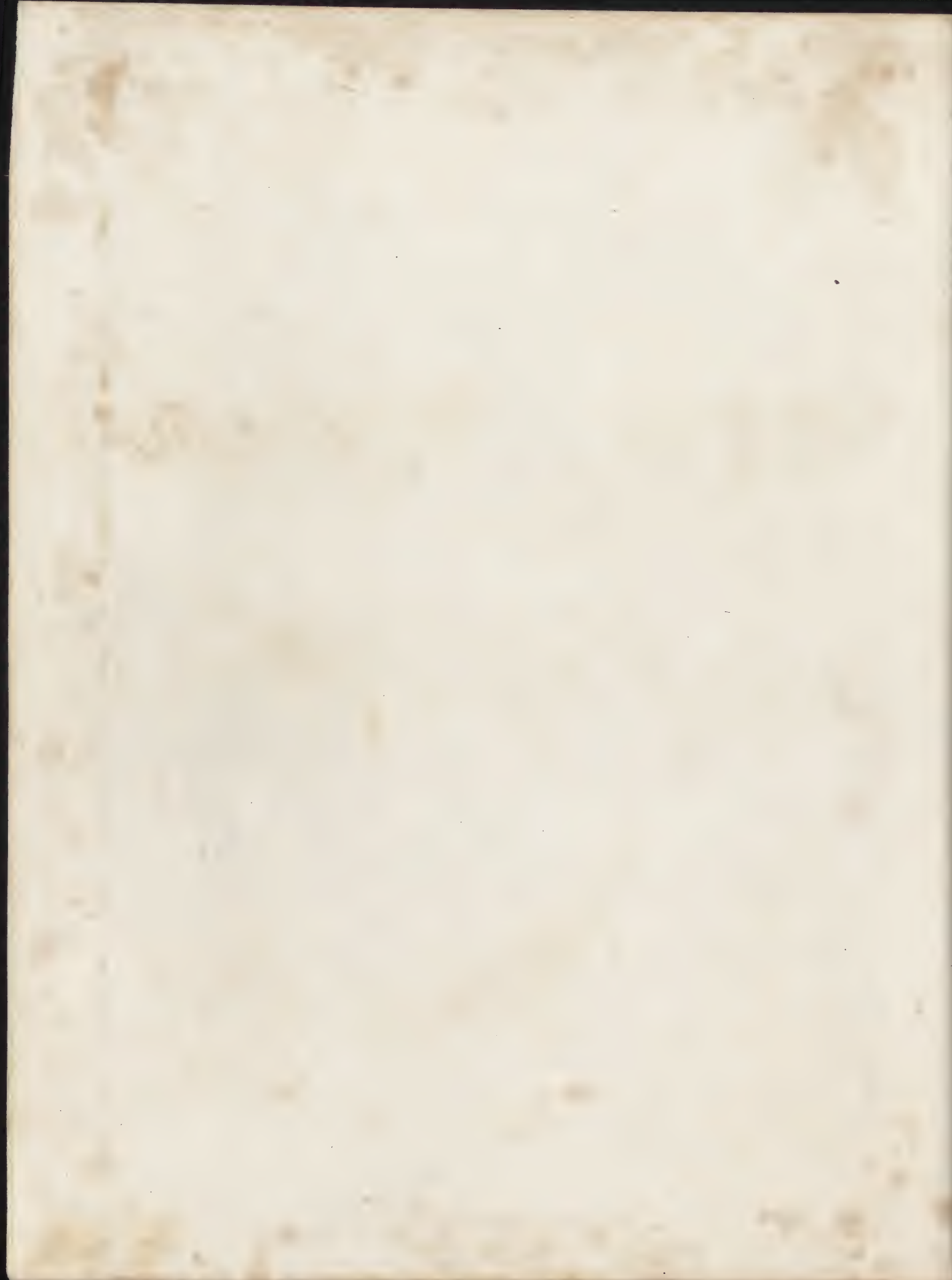


Sterna stolidus
Noddy

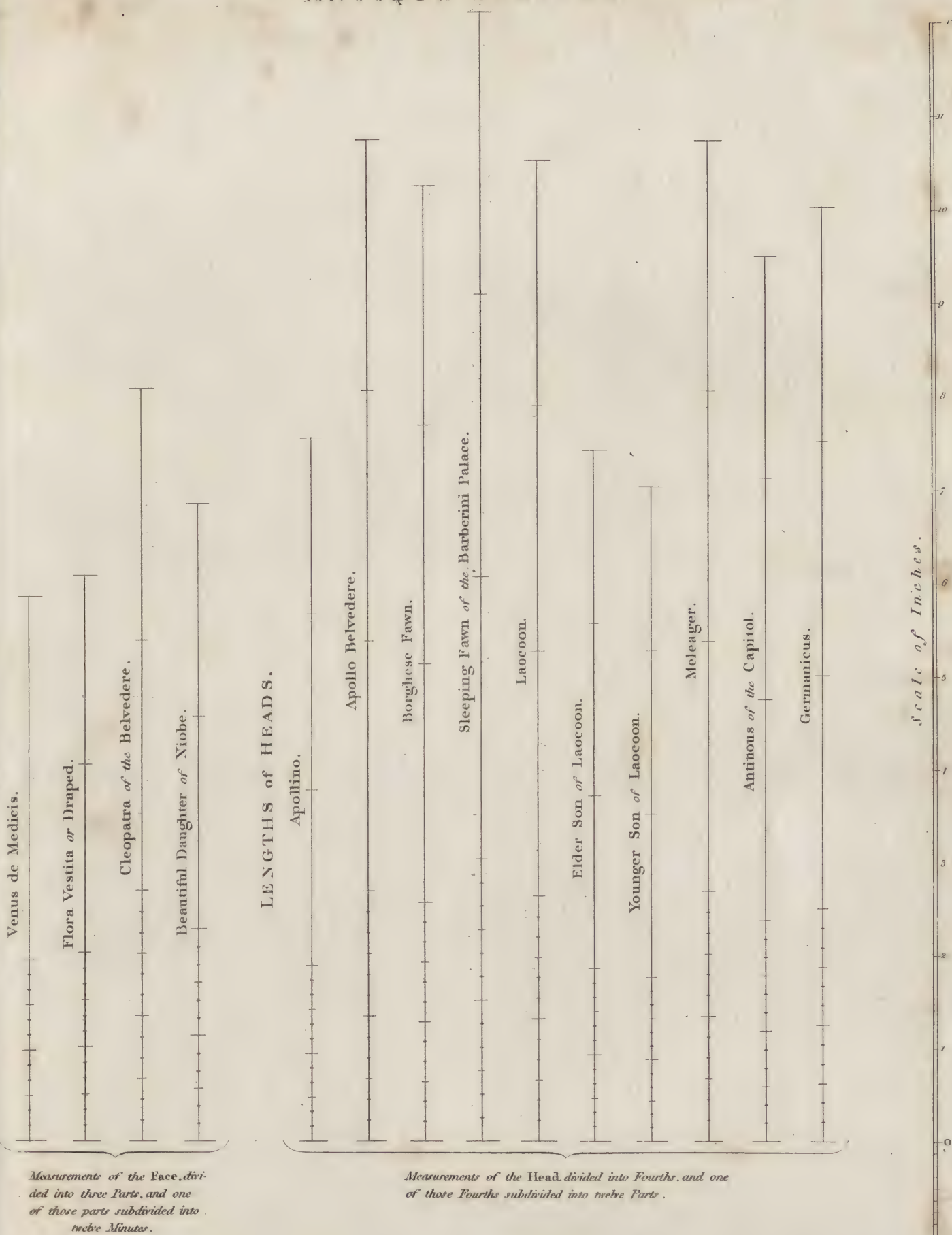
376

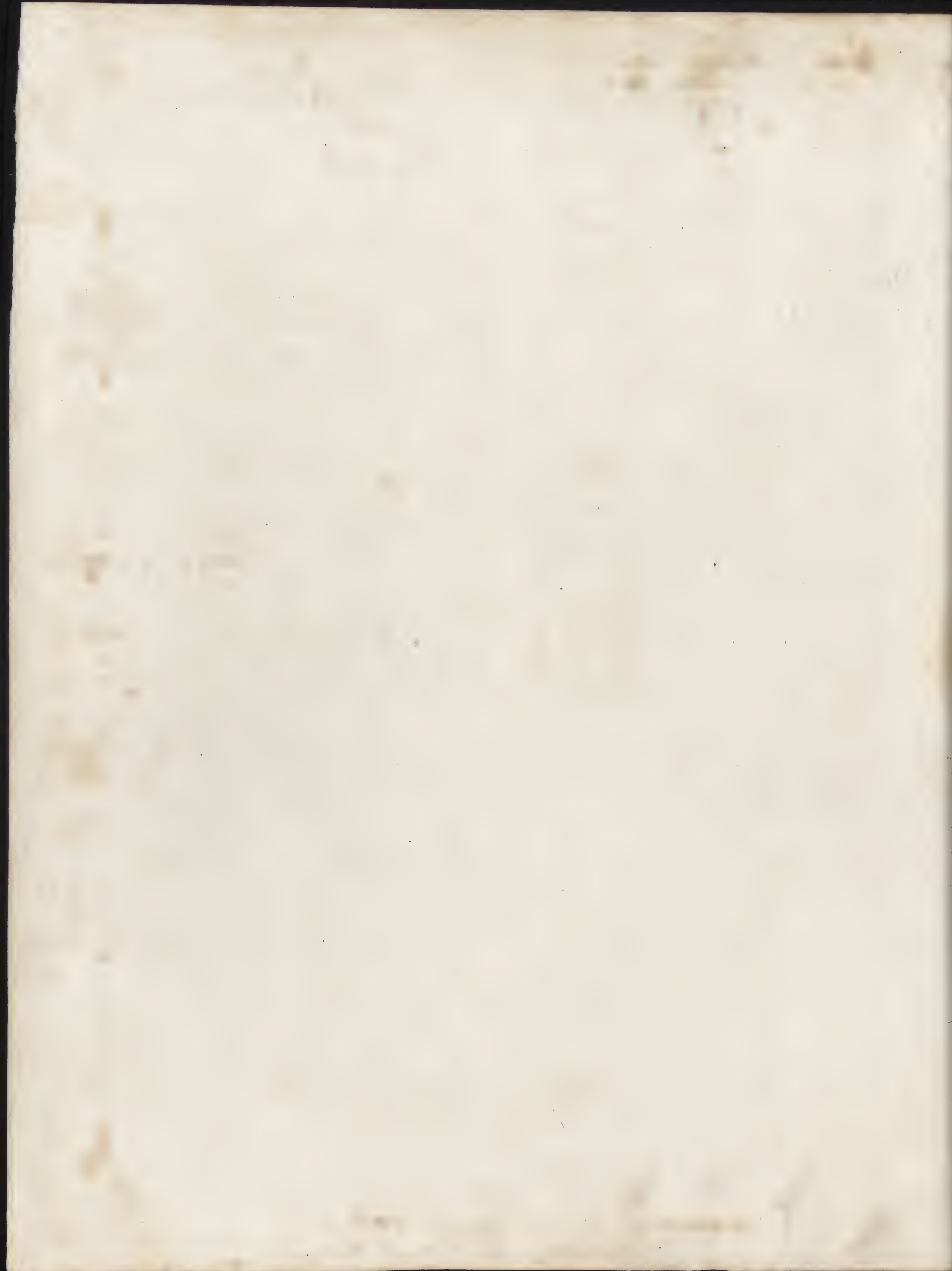


Staphelia incarnata



ANTIQUE STATUES.





THE ALPHABET

According to MAYOR.

THE PREPOSITIONS

TERMINATIONS.

with the Double and Triple Consonants.

Let. Char.	Arb. Abbrev.	DC. &c. Char.	Arb. Abbrev.
a	a, an, above	cb	each, such
b	be, by, because	sb	shall, she
c	—	tb	that, they
d	do, did	thr	therefore
e	ever, every mid	str	strive, strong
f	from, if	wb	who, which
g	God, give, gives		
h	he, had, his		
i	I, eye, below		
k	king, know		
l	Lord, will, all		
m	me, my, most		
n	and, in, nature		
o	O, oh, owe, above		
p	people, peace		
q	ques. ⁿ quantity		
r	or, are		
s	is, us, soon		
t	the, to, it		
v	have, save		
u	you, view, middle		
w	we, with		
x	except, example		
y	ye, your, yes, bel		
z	—		

Vowels Places.

	a	e	i	o	u	y
b	·	·	·	·	·	·
d	·	·	·	·	·	·
f	·	·	·	·	·	·
g	·	·	·	·	·	·
h	·	·	·	·	·	·
k	·	·	·	·	·	·
l	·	·	·	·	·	·
m	·	·	·	·	·	·
n	·	·	·	·	·	·
p	·	·	·	·	·	·
q	·	·	·	·	·	·
s	·	·	·	·	·	·
t	·	·	·	·	·	·
v	·	·	·	·	·	·
w	·	·	·	·	·	·
x	·	·	·	·	·	·

Prepos.	CharEx.	Signifi.	Term	CharEx.	Signifi.
abs-obs	c	abstain	abterble	c	stable
anti ante		antidote	flect		
anta			flect		
contr i a			full		conflict
contro		counterfeit	ference		
counter			ing		thing
dis-incom		discompose	ings		things
hypo-er		hypocrite	tionion		
magn-ia		magnify	sian		
multi			cian		petition
omni		omniscience	tian &c		
inter-ro		entertain	tions &c		petitions
enter			sifs ces		
post		postpone	sys sus		thesis
preter			tious		
recon		reconcile	cious &c		
recom			less		harmless
salis			ment		indisment
super		satisfy	self		
circum			tract		
trans		transfer	tract		substract
ext-er-in		extirpate	strict		
extra			ward		forward

Points.

Comma	A Semicolon.
Colon	A Period.
Point of Interrogation	?
Point of Admiration	!

Abbreviating Marks.

A Substantive	Division
An Adjective	Divisible
A Verb	Divide
A Participle	Dividing

Arbitrary Characters.

one	" as
oft often	only
am	nothing
	wherefore

Figures.

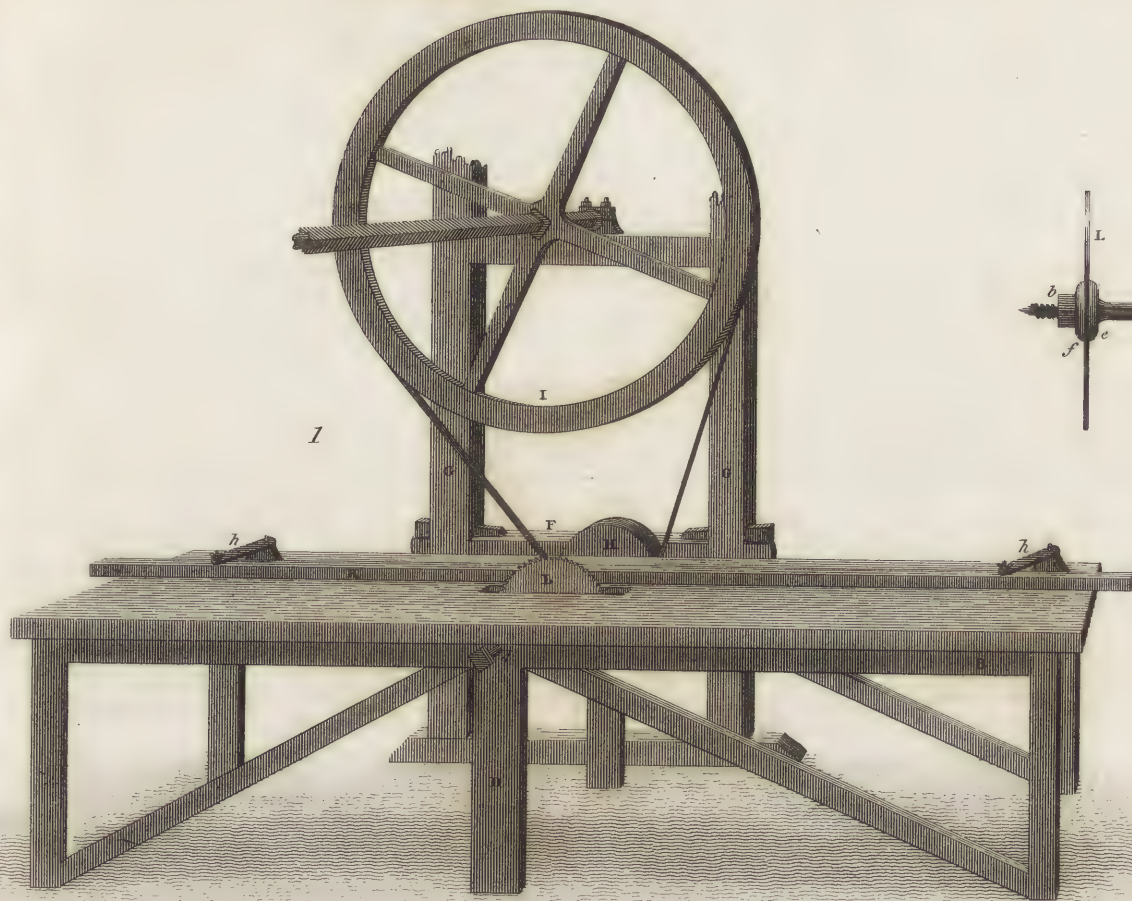
1	2	3	4	5	6	7	8	9	0
1779	1780	1781	1782	1783	1784	1785	1786	1787	1788

JOB Chapter XXIX, Verses 1 to 13.

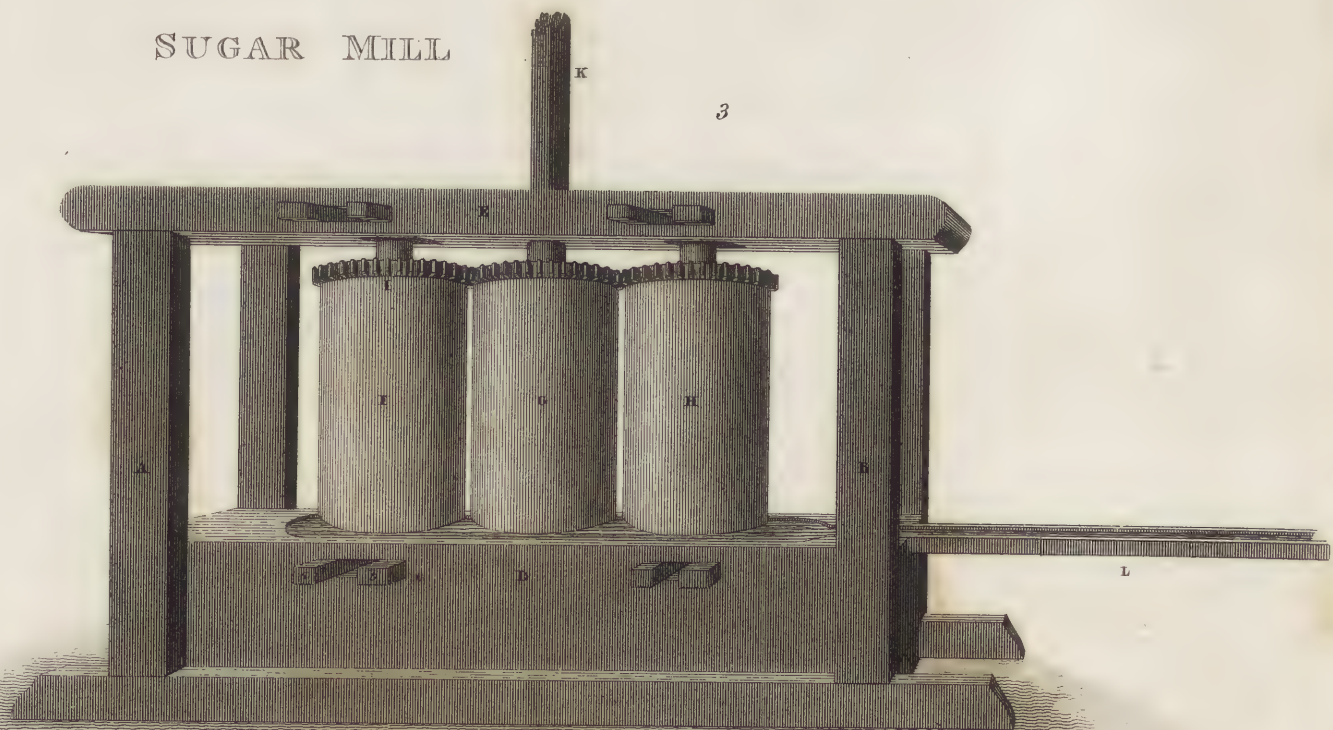
Stenographic transcription of Job Chapter XXIX, Verses 1 to 13.



MR SMARTS SAW MILL

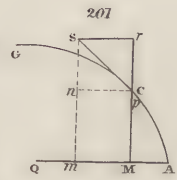
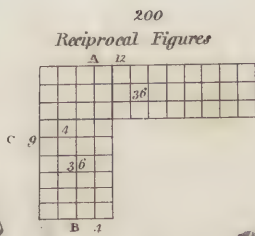
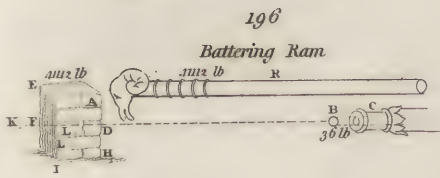


SUGAR MILL

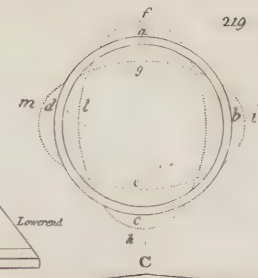
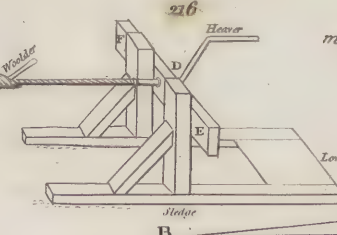
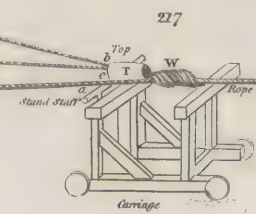
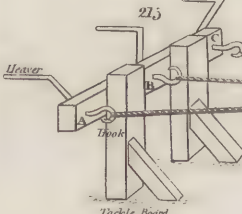
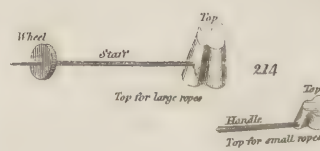
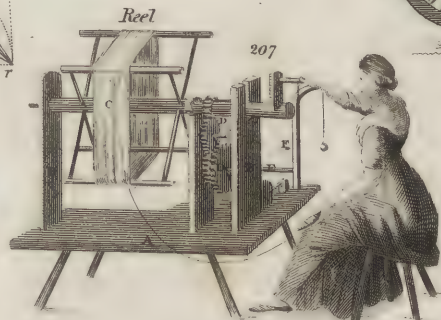
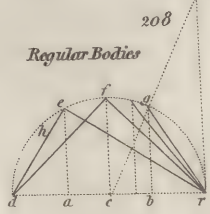
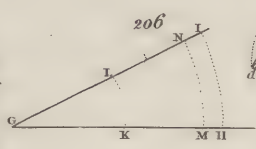
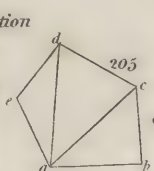
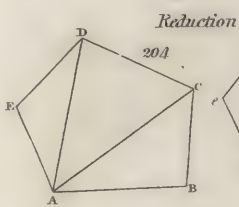
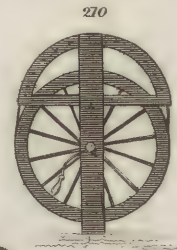
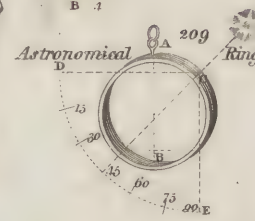
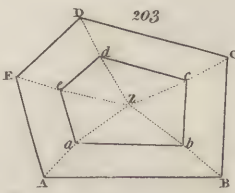
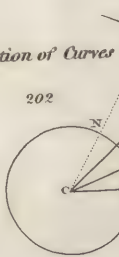




MISCELLANIES.

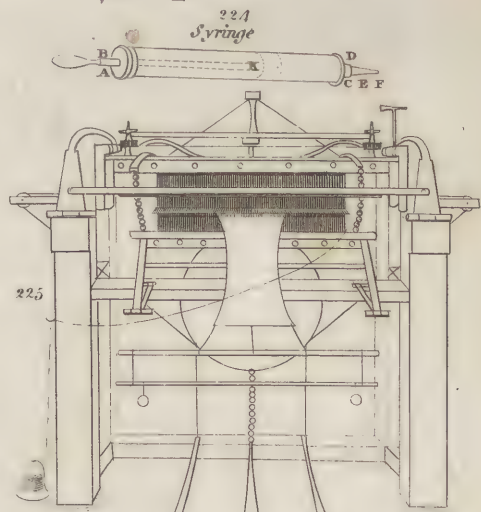
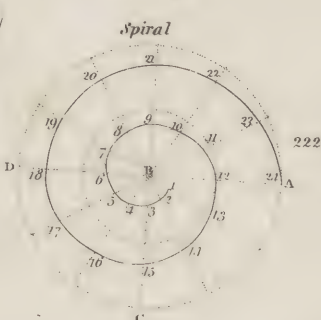
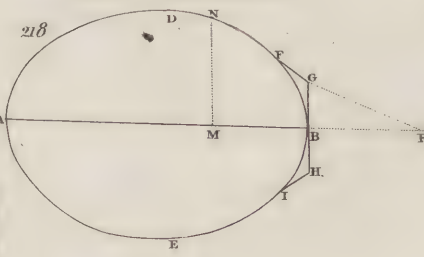
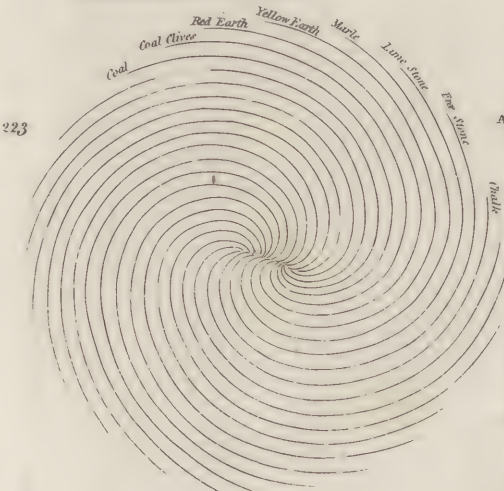


Rectification of Curves

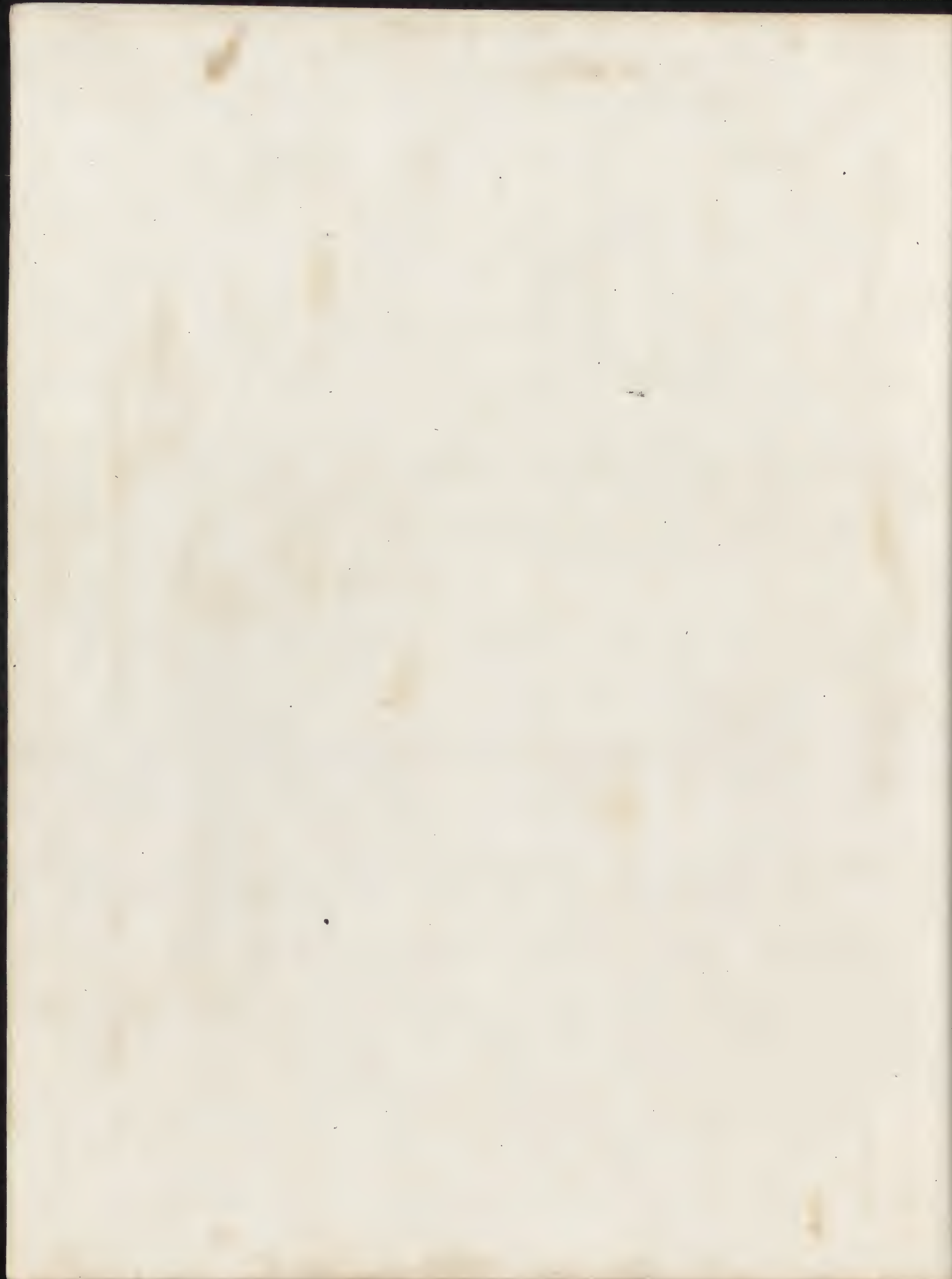


Stratification of the Earth

Solids of least Resistance



Steeling Machine



SURGERY.





S U R G E R Y.





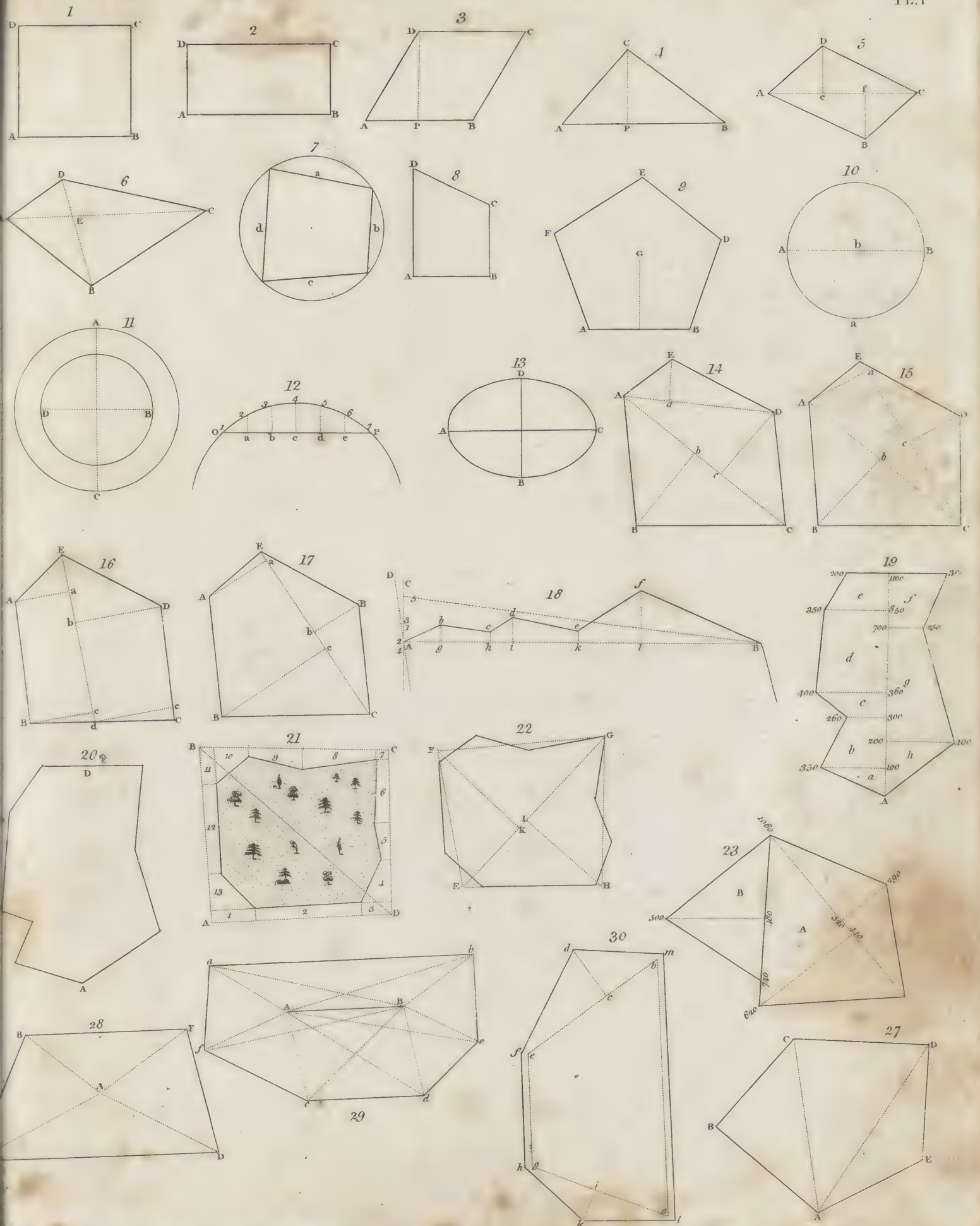
SURGERY.

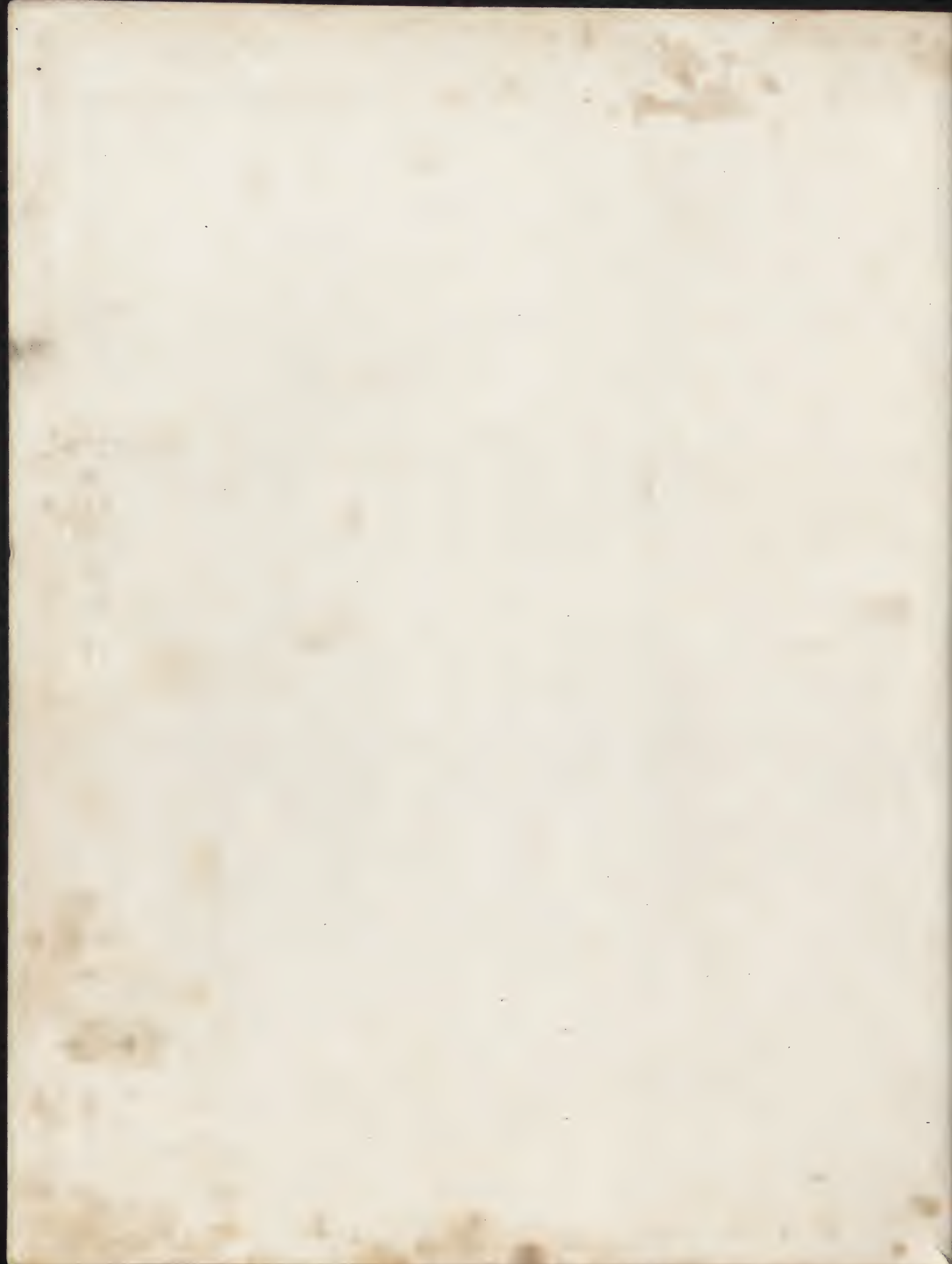


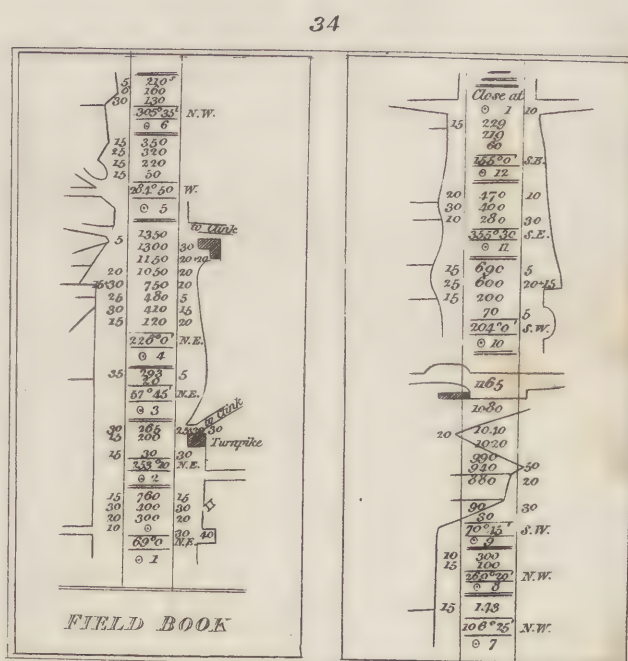
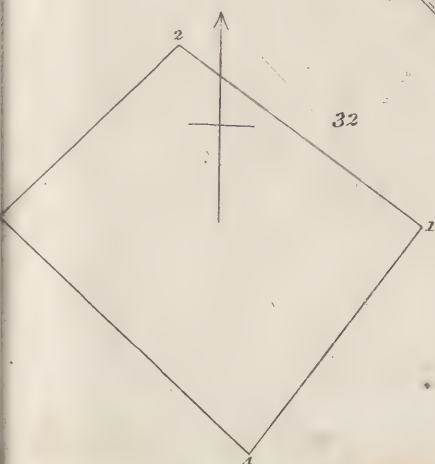
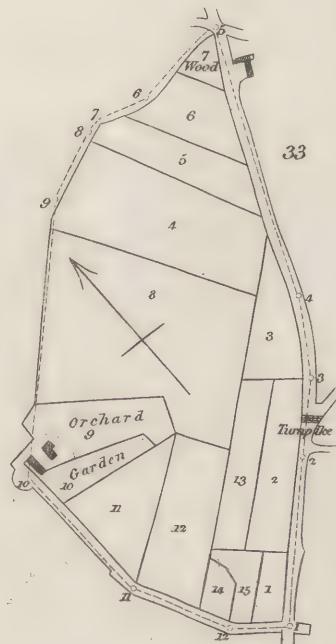
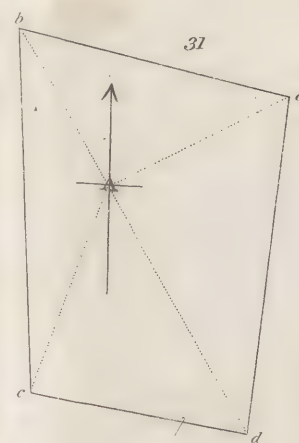
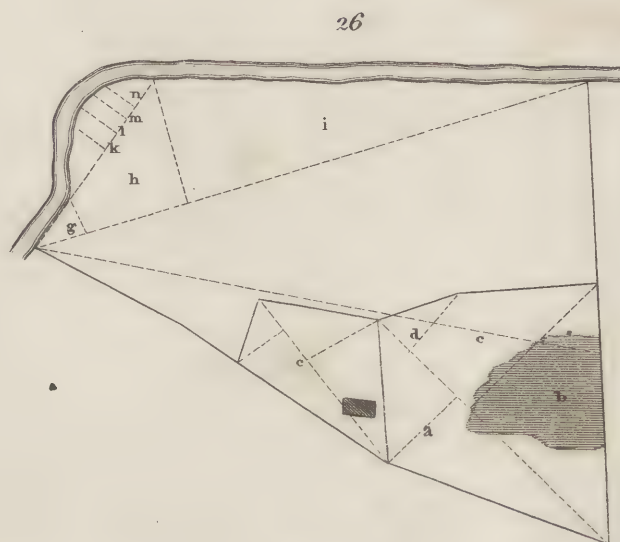
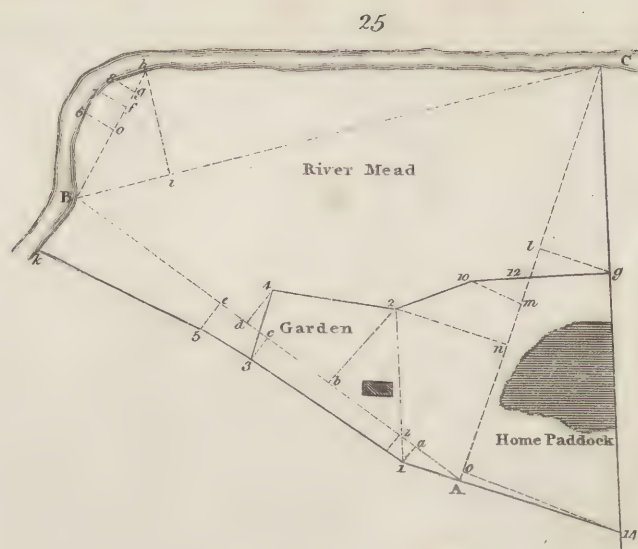
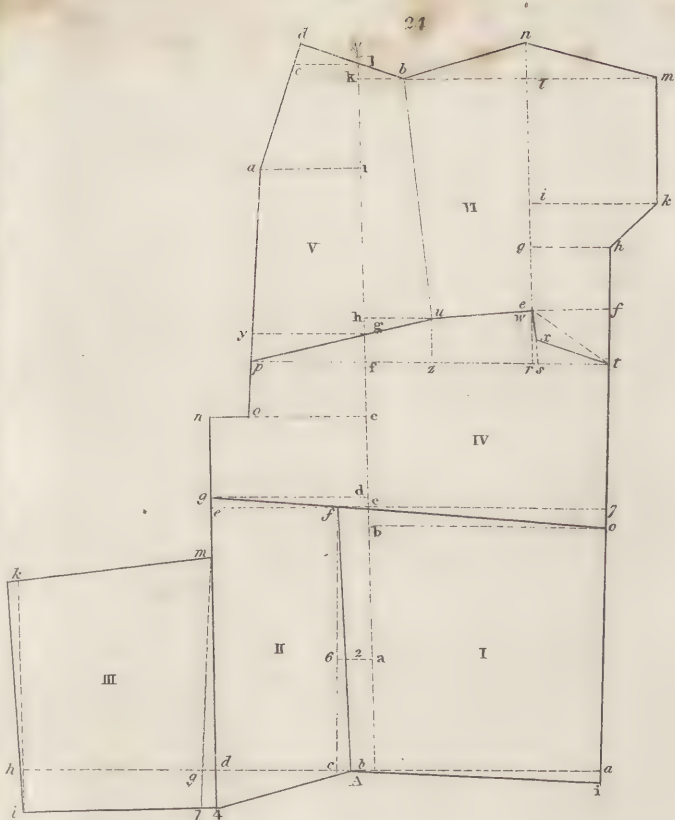


SURVEYING.

PL. I









NATURAL HISTORY.



Struthio Ostrich.

379

Stylophorus chordatus.

381



Sturnus cinclus.
Water ouzel.

380



Stalactites.

384



Styrax Benzoin.

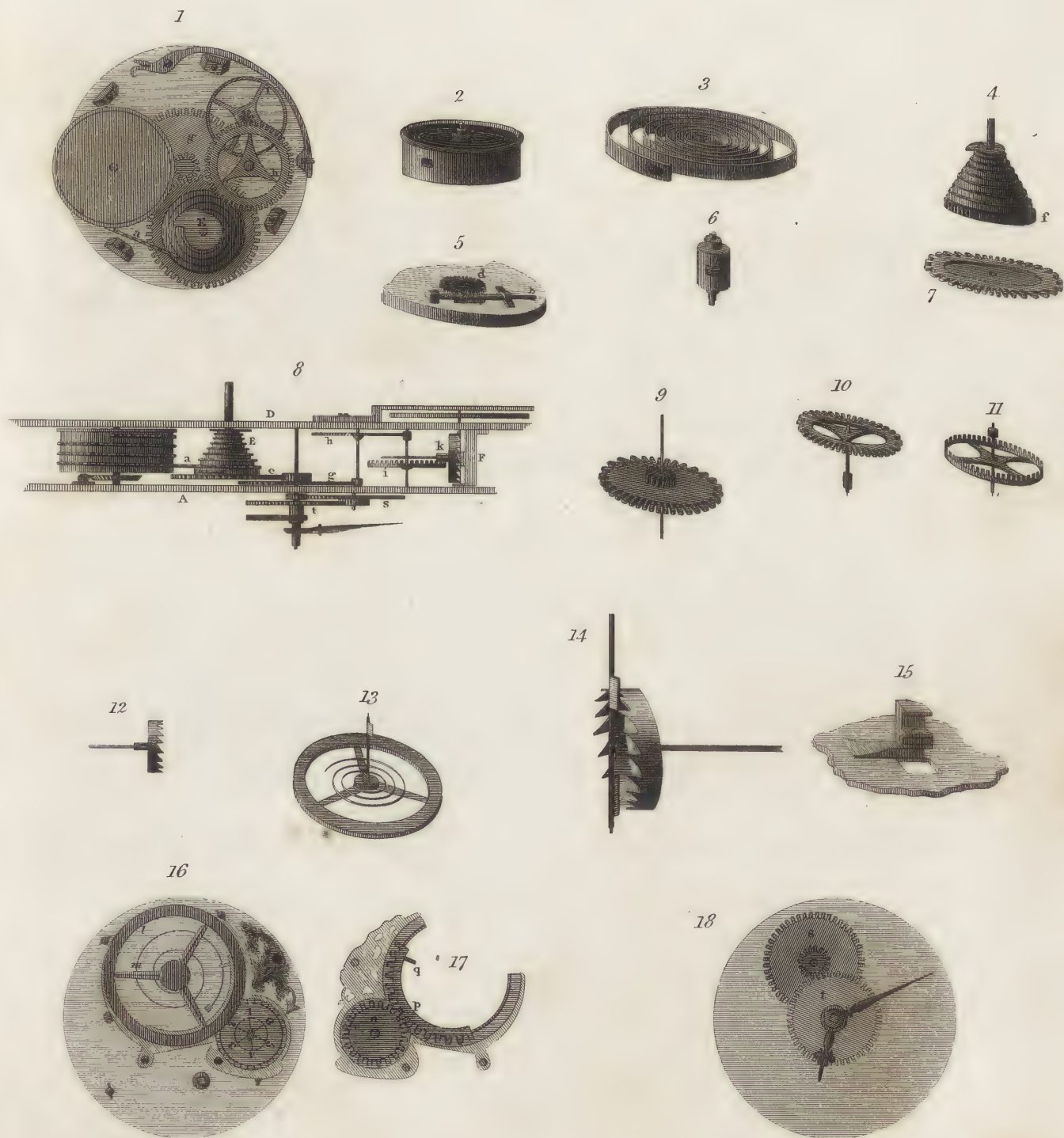
382



383

Sus Africanus.
Cape Hog.

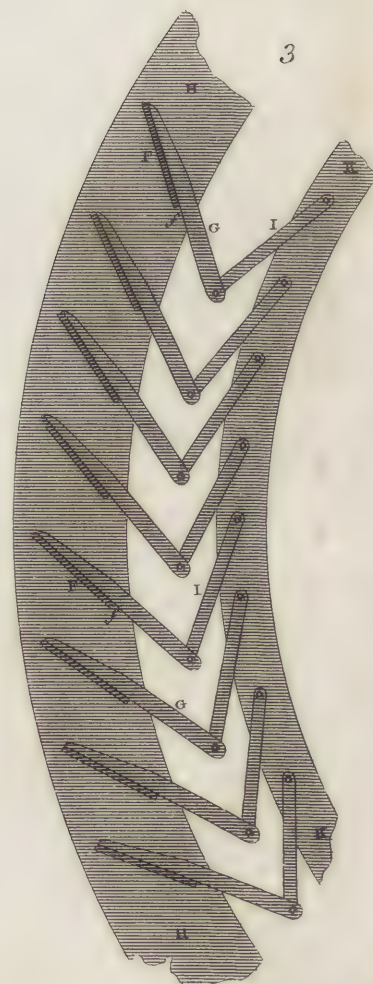
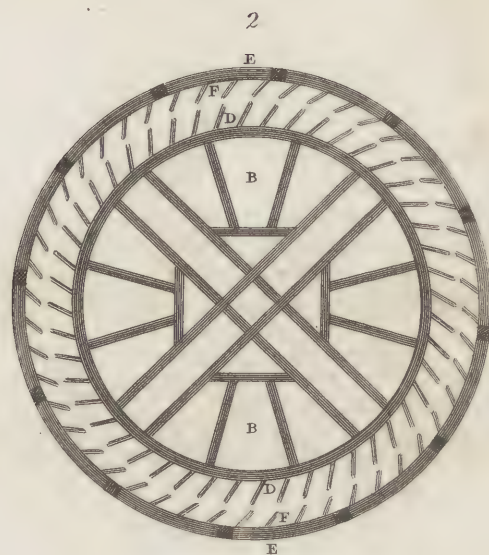
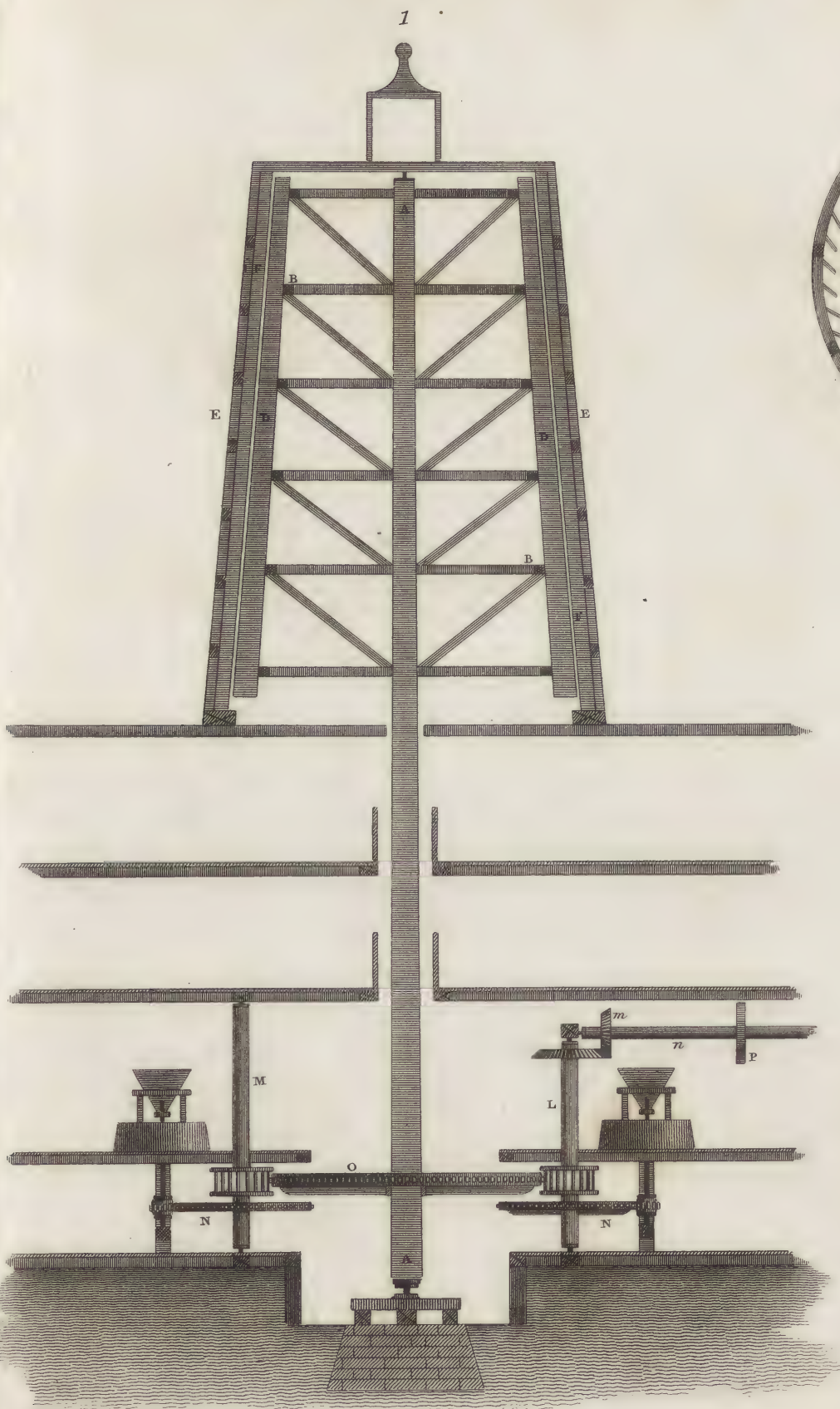
WATCH WORK



J. Ferry Junr. delin.

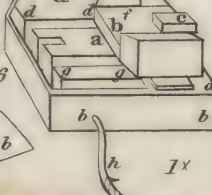
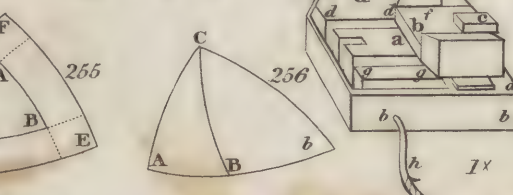
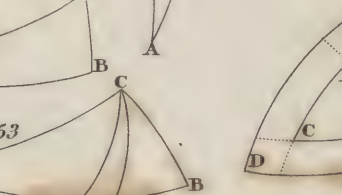
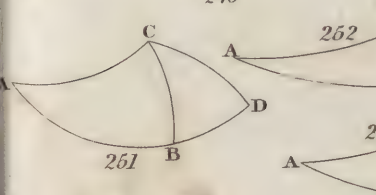
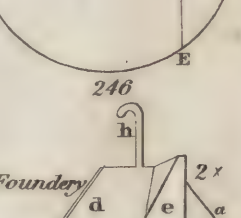
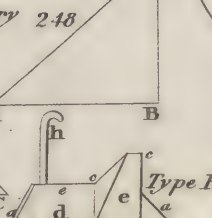
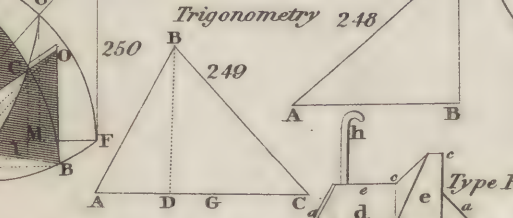
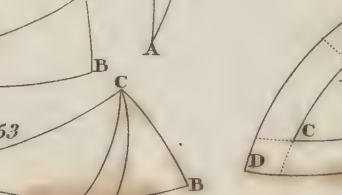
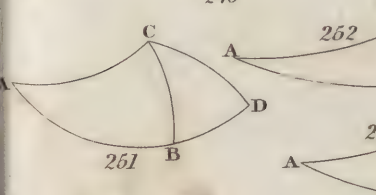
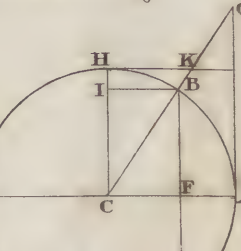
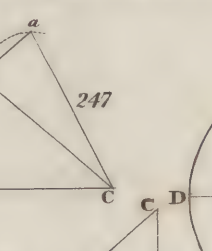
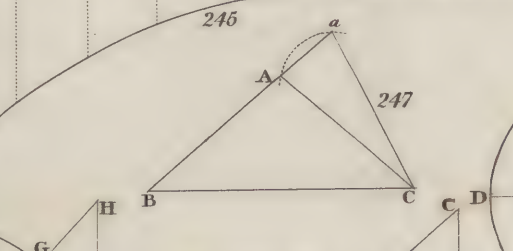
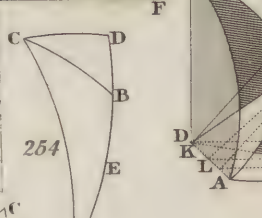
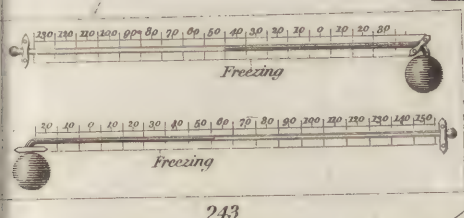
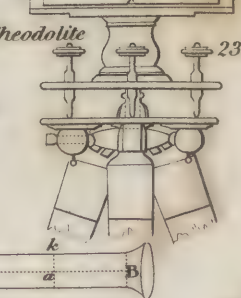
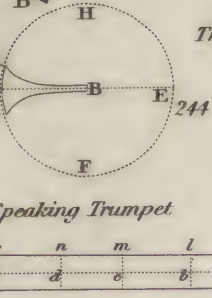
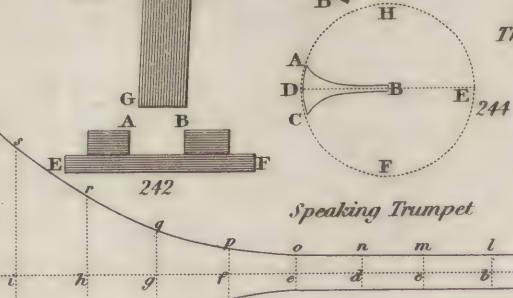
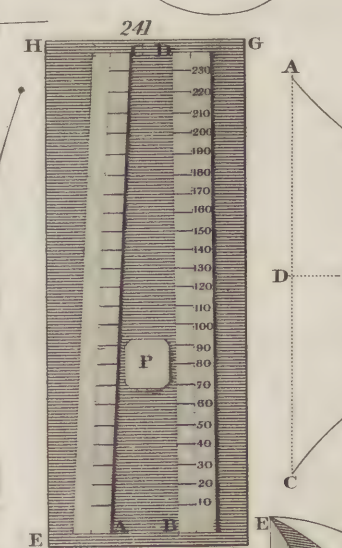
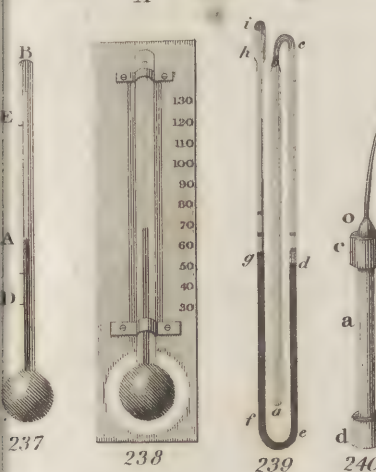
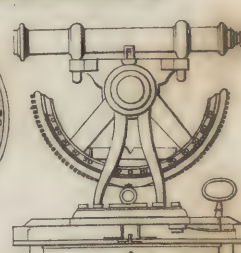
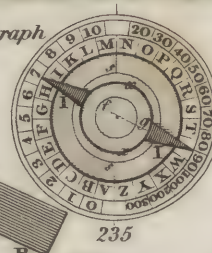
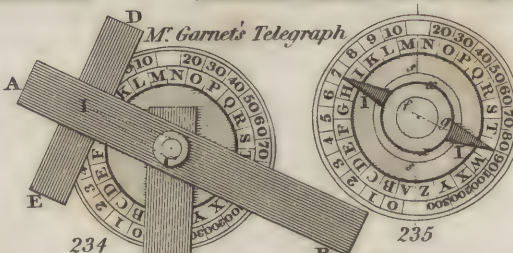
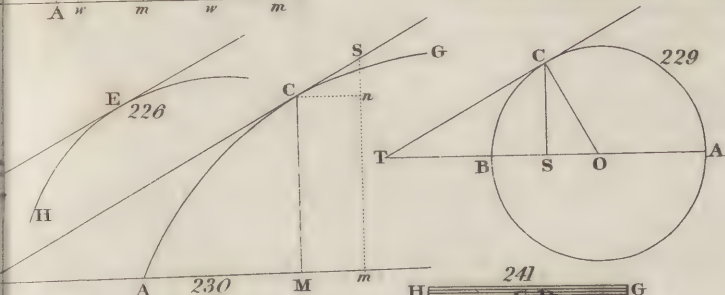
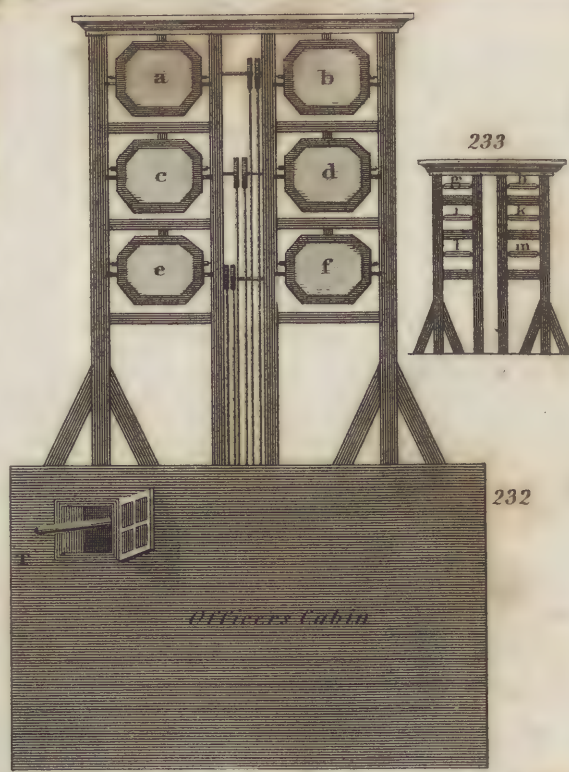
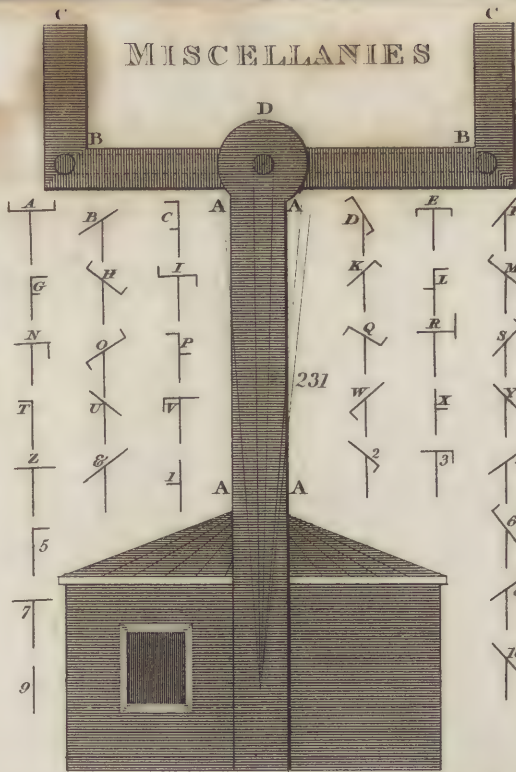
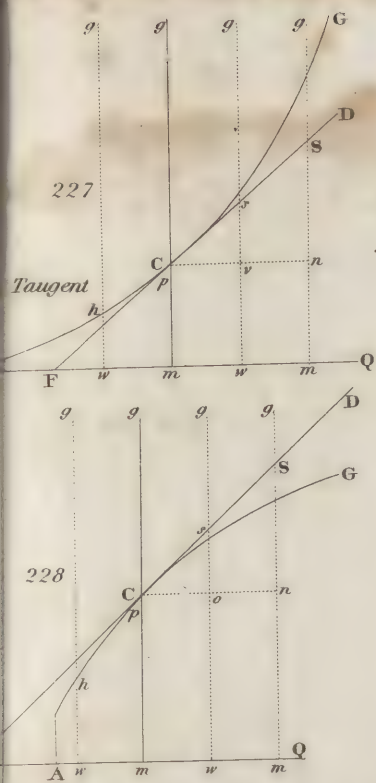


WIND MILL.





MISCELLANIES





NATURAL HISTORY

Sus babyrussa



385

Tabanus bovinus



388

Sus Tapesia
Mexican hog.



386

Tanagra capitalis



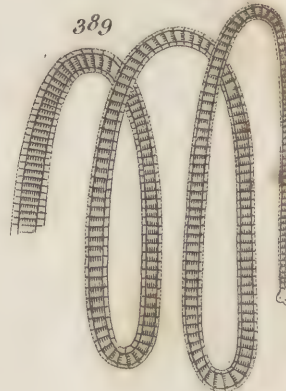
390

Syngnathus hippocampus.



387

Tania ovilla



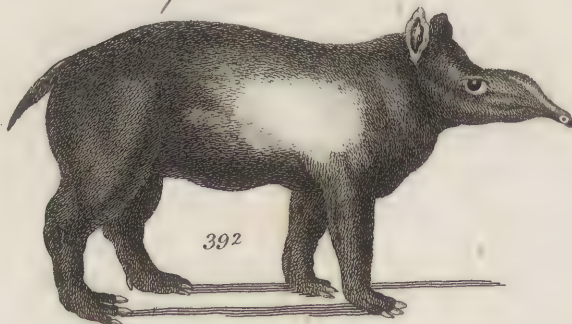
389

Tantalus melanocephalus
Black headed Ibis



391

Tapir Americanus



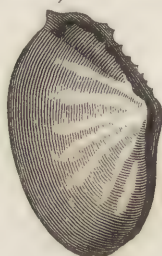
392

Teredo navalis



394

Tellina foliacea



393

Testudo coriacea



395

Testudo ferox



396

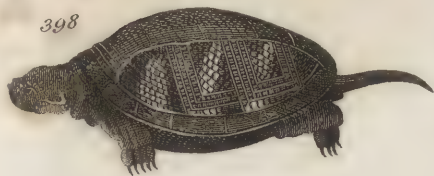
Heath sculp



NATURAL HISTORY.

Testudo orbicularis
Round Tortoise

398



Tringa Pugnax
Sand Piper

397



Testudo mydas

399



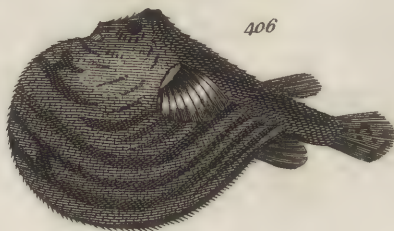
Tetrao tetrax
Heath-cock

400



Trichoda cornuta

406



Thea
Tea-Plant

407



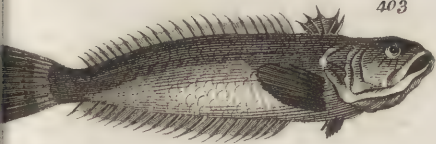
Theobroma cacao

402



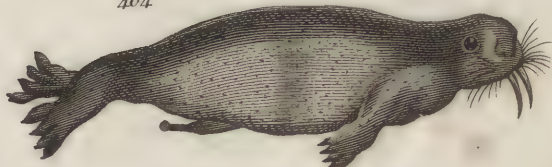
Trachinus draco

403



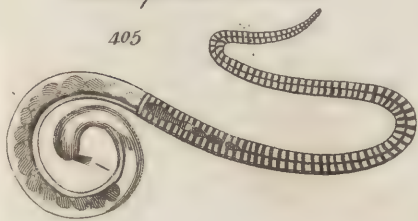
Tricheus rosmarus
Morse

404



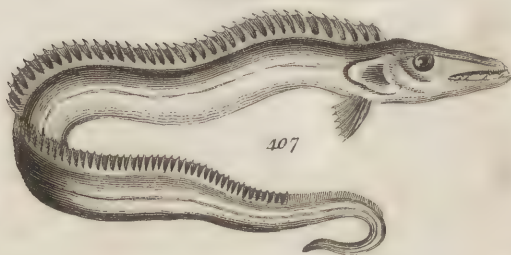
Trichocephalus hominis

405



Silver Trichure

407



Heath sculp.



NATURAL HISTORY

Trochilus amethystinus
Amethystine Humming Bird



408

Trochas Magnus



410

Turbo scalaris
Winkle trap



411

Trochilus moschitus
Ruby necked Humming Bird



409

Turdus Orpheus
Mocking Thrush



412

Upupa magna
Grand Hoopoe



413

Ursus lotor
Racoon



414

Vespertilio Spectrum



416

Viverra Zibethum



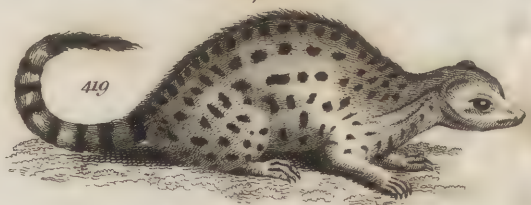
418

Vespa Aleutica



417

Viverra fassa



419

Vultur papa
King Vulture



420

Xeus Vomer



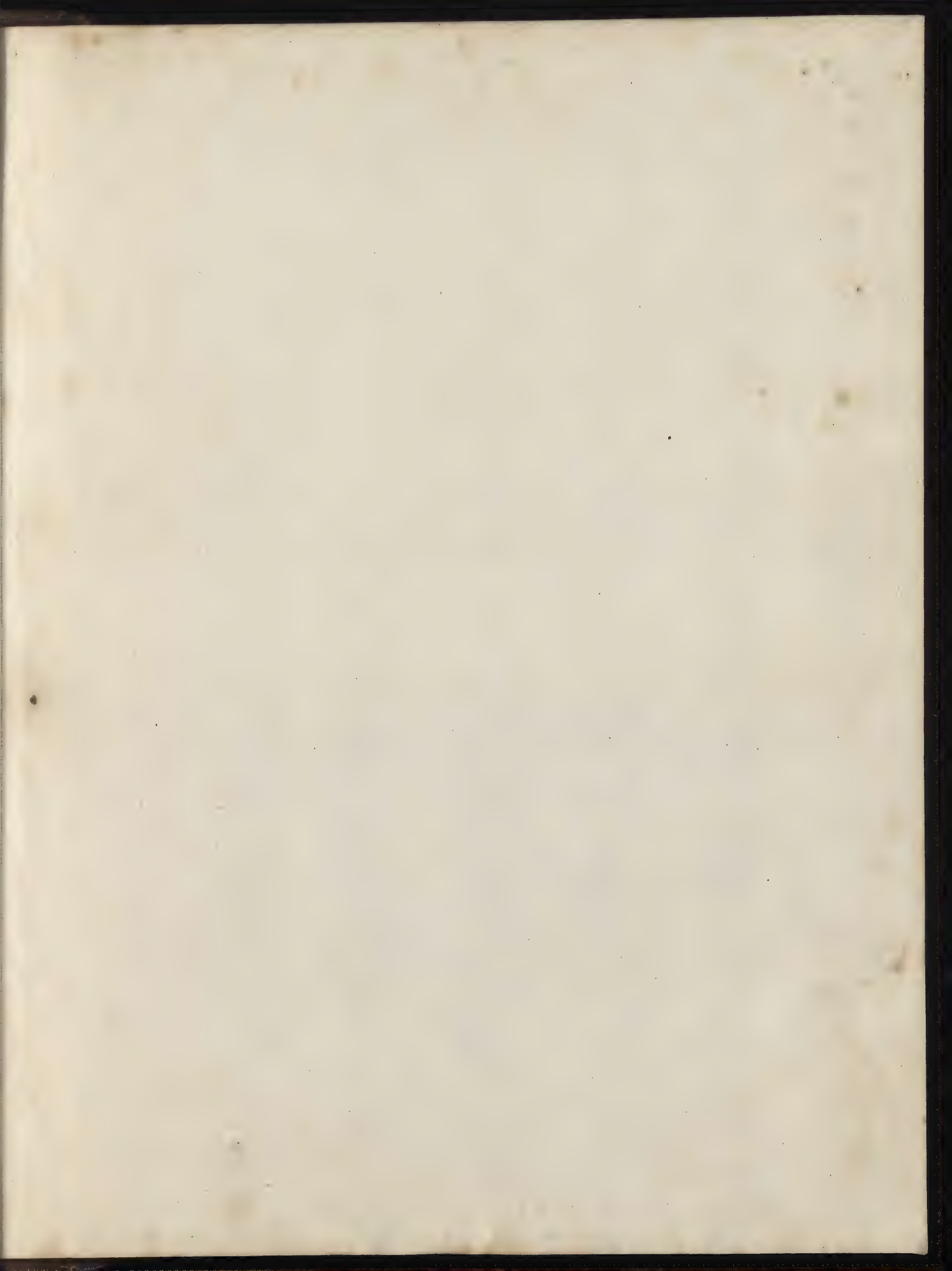
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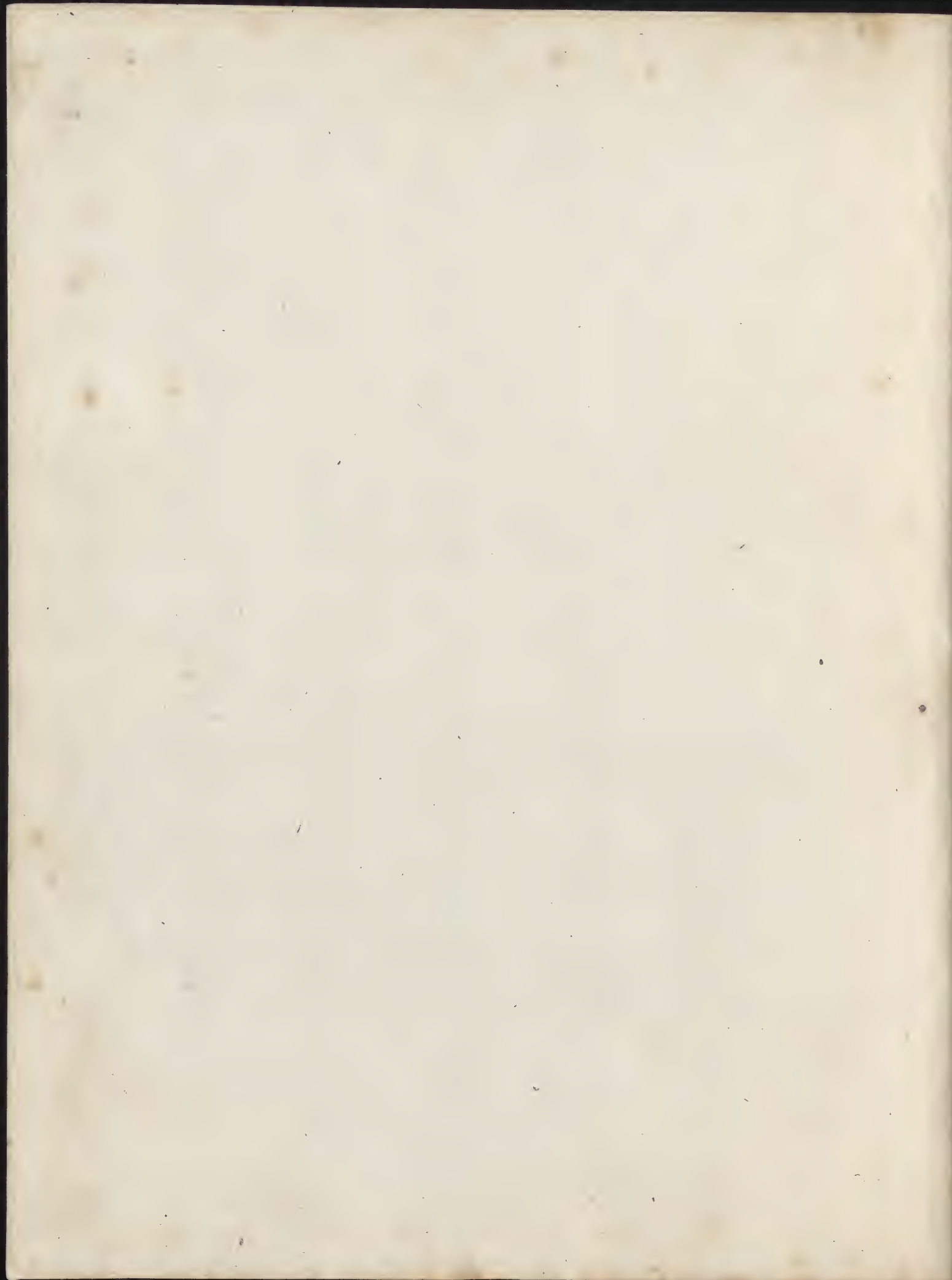
Ursus maritimus
Polar Bear



415









87-B16294

